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begin 5,73,155,399
16mar11 07:32:42 User208760 Session D3252.2
$0.00 0.115 DialUnits File410
$0.00 Estimated cost File410
$0.03 TELNET
$0.03 Estimated cost this search
$0.66 Estimated total session cost 0.273 DialUnits

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SYSTEM:OS - DIALOG OneSearch
File 5:Biosis Previews(R) 1926-2011/Mar W1
(c) 2011 The Thomson Corporation
File 73:EMBASE 1974-2011/Mar 15
(c) 2011 Elsevier B.V.
*File 73: The 2011 Thesaurus has been installed with UD20110407.
File 155:MEDLINE(R) 1950-2011/Mar 14
(c) format only 2011 Dialog
*File 155: Medline has been reloaded with the 2011 MeSH
thesaurus.
File 399:CA SEARCH(R) 1967-2010/UD=15412
(c) 2011 American Chemical Society
*File 399: Use is subject to the terms of your user/customer agreement.
IPCR/8 classification codes now searchable as IC=. See HELP NEWSIPCR.

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Set Items Description
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? s (c5 or c5a or anti(W)c5?) and (asthma)
41299 C5
14978 C5A
2495697 ANTI
420721 C5?
1051 ANTI(W)C5?
393083 ASTHMA
S1 662 (C5 OR C5A OR ANTI(W)C5?) AND (ASTHMA)
? s (c5 or c5a or anti(W)c5?) (20n) (antibod? or inhibit? or suppress? or block? or
antagon? or prevent?) and (asthma)
Processing
Processing
41299 C5
14978 C5A
2495697 ANTI
420721 C5?
1051 ANTI(W)C5?
2804105 ANTIBOD?
6375204 INHIBIT?
1384256 SUPPRESS?
2013322 BLOCK?
1674147 ANTAGON?
3907597 PREVENT?
10454 ((C5 OR C5A) OR ANTI(W)C5?) (20N) (((ANTIBOD? OR
INHIBIT?) OR SUPPRESS?) OR BLOCK?) OR ANTAGON?) OR
PREVENT?)
393083 ASTHMA
S2 234 (C5 OR C5A OR ANTI(W)C5?) (20N) (ANTIBOD? OR INHIBIT? OR
SUPPRESS? OR BLOCK? OR ANTAGON? OR PREVENT?) AND (ASTHMA)
? rd s2
S3 154 RD S2 (unique items)
? s s3 and py<2004
Processing
Processing
Processing
154 S3

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64957274 PY<2004  
S4 57 S3 AND PY<2004  
? rd s4  
S5 57 RD S4 (unique items)  
? t s5/3/all

5/3/1 (Item 1 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2011 The Thomson Corporation. All rts. reserv.

17678937 BIOSIS NO.: 200400059694  
Inhibition of complement activation decreases airway inflammation and hyperresponsiveness.  
AUTHOR: Taube Christian; Rha Yeong-Ho; Takeda Katsuyuki; Park Jung-Won; Joetham Anthony; Balhorn Annette; Dakhama Azzeddine; Giclas Patricia C; Holers V Michael; Gelfand Erwin W (Reprint)  
AUTHOR ADDRESS: National Jewish Medical and Research Center, 1400 Jackson Street, Denver, CO, 80206, USA\*\*USA  
AUTHOR E-MAIL ADDRESS: gelfande@njc.org  
JOURNAL: American Journal of Respiratory and Critical Care Medicine 168 (11): p1333-1341 December 1, 2003 2003  
MEDIUM: print  
ISSN: 1073-449X \_(ISSN print)  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

5/3/2 (Item 2 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2011 The Thomson Corporation. All rts. reserv.

17312537 BIOSIS NO.: 200300267070  
Proteoglycans are potent modulators of the biological responses of eosinophils to chemokines.  
AUTHOR: Culley Fiona J (Reprint); Fadlon Emma J; Kirchem Antje; Williams Timothy J; Jose Peter J; Pease James E  
AUTHOR ADDRESS: Respiratory Medicine, Imperial College London, Norfolk Place, St Mary's Campus, London, W2 1PG, UK\*\*UK  
AUTHOR E-MAIL ADDRESS: f.culley@imperial.ac.uk  
JOURNAL: European Journal of Immunology 33 (5): p1302-1310 May 2003 2003  
MEDIUM: print  
ISSN: 0014-2980 \_(ISSN print)  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

5/3/3 (Item 3 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2011 The Thomson Corporation. All rts. reserv.

17248537 BIOSIS NO.: 200300207256  
F(ab)'2-mediated neutralization of C3a and C5a anaphylatoxins: A novel effector function of immunoglobulins.  
AUTHOR: Basta Milan (Reprint); Van Goor Fredric; Luccioli Stefano; Billings Eric M; Vortmeyer Alexander O; Baranyi Lajos; Szebeni Janos; Alving Carl R; Carroll Michael C; Berkower Ira; Stojilkovic Stanko S; Metcalfe Dean D  
AUTHOR ADDRESS: Neuronal Excitability Section, National Institute for Neurological Disorders and Stroke, National Institutes of Health,

Bethesda, MD, USA\*\*USA  
AUTHOR E-MAIL ADDRESS: mb29r@nih.gov  
JOURNAL: Nature Medicine 9 (4): p431-438 April 2003 2003  
MEDIUM: print  
ISSN: 1078-8956 \_(ISSN print)  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

5/3/4 (Item 4 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2011 The Thomson Corporation. All rts. reserv.

17015827 BIOSIS NO.: 200200609338  
Contribution of anaphylatoxin C5a to allergic late airway responses after repeated antigen exposure  
AUTHOR: Abe Masayoshi (Reprint); Shibata Kazuhiko; Akatsu Hiroyasu; Shimizu Naomi; Katsuragi Takeshi (Reprint); Okada Hidechika  
AUTHOR ADDRESS: Department of Pharmacology, Fukuoka University, Fukuoka, 814-0180, Japan\*\*Japan  
JOURNAL: International Immunopharmacology 2 (9): p1369 August, 2002 2002  
MEDIUM: print  
CONFERENCE/MEETING: XIX International Complement Workshop Palermo, Italy September 22-26, 2002; 20020922  
ISSN: 1567-5769  
DOCUMENT TYPE: Meeting; Meeting Abstract  
RECORD TYPE: Citation  
LANGUAGE: English

5/3/5 (Item 5 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2011 The Thomson Corporation. All rts. reserv.

16311521 BIOSIS NO.: 200100483360  
Anaphylatoxins and infectious and non-infectious inflammatory diseases  
AUTHOR: Koehl Joerg (Reprint)  
AUTHOR ADDRESS: Institute of Medical Microbiology, Medical School Hannover, Carl-Neubergstrasse 1, 30625, Hannover, Germany\*\*Germany  
JOURNAL: Molecular Immunology 38 (2-3): p175-187 August, 2001 2001  
MEDIUM: print  
ISSN: 0161-5890  
DOCUMENT TYPE: Article; Literature Review  
RECORD TYPE: Abstract  
LANGUAGE: English

5/3/6 (Item 6 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2011 The Thomson Corporation. All rts. reserv.

16148495 BIOSIS NO.: 200100320334  
Involvement of A3 receptors in the potentiation by adenosine of the inhibitory effect of theophylline on human eosinophil degranulation: Possible novel mechanism of the anti-inflammatory action of theophylline  
AUTHOR: Ezeamuzie Charles I (Reprint)  
AUTHOR ADDRESS: Department of Pharmacology and Toxicology, Faculty of Medicine, Kuwait University, Safat, 13110, Kuwait\*\*Kuwait  
JOURNAL: Biochemical Pharmacology 61 (12): p1551-1559 15 June, 2001

2001  
MEDIUM: print  
ISSN: 0006-2952  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

5/3/7 (Item 7 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2011 The Thomson Corporation. All rts. reserv.

16119661 BIOSIS NO.: 200100291500  
Complement-dependent immune complex-induced bronchial inflammation and hyperreactivity  
AUTHOR: Lukacs Nicholas W (Reprint); Glovsky M Michael; Ward Peter A  
AUTHOR ADDRESS: Dept. of Pathology, Univ. of Michigan Medical School, 1301 Catherine, Ann Arbor, MI, 48109-0602, USA\*\*USA  
JOURNAL: American Journal of Physiology 280 (3 Part 1): pL512-L518 March, 2001 2001  
MEDIUM: print  
ISSN: 0002-9513  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

5/3/8 (Item 8 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2011 The Thomson Corporation. All rts. reserv.

15978973 BIOSIS NO.: 200100150812  
Studies on the effects of adenosine A3 receptor stimulation on human eosinophils isolated from non-asthmatic or asthmatic donors  
AUTHOR: Reeves J J (Reprint); Harris C A; Hayes B P; Butchers P R; Sheehan M J  
AUTHOR ADDRESS: Receptor Pharmacology Unit, GlaxoWellcome Medicines Research Centre, Gunnels Wood Road, Stevenage, Hertfordshire, SG1 2NY, UK  
\*\*UK  
JOURNAL: Inflammation Research 49 (12): p666-672 December, 2000 2000  
MEDIUM: print  
ISSN: 1023-3830  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

5/3/9 (Item 9 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2011 The Thomson Corporation. All rts. reserv.

15921732 BIOSIS NO.: 200100093571  
Identification of complement factor 5 as a susceptibility locus for experimental allergic asthma  
AUTHOR: Karp Christopher L; Grupe Andrew; Schadt Eric; Ewart Susan L; Keane-Moore Michelle; Cuomo Peter J; Kohl Jorg; Wahl Larry; Kuperman Douglas; Germer Soren; Aud Dee; Peltz Gary; Wills-Karp Marsha (Reprint)  
AUTHOR ADDRESS: Department of Environmental Health Sciences, Johns Hopkins University School of Hygiene and Public Health, Baltimore, 615 N. Wolfe St., Baltimore, MD, 21205, USA\*\*USA  
JOURNAL: Nature Immunology 1 (3): p221-226 September, 2000 2000

MEDIUM: print  
ISSN: 1529-2908  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

5/3/10 (Item 10 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2011 The Thomson Corporation. All rts. reserv.

15033207 BIOSIS NO.: 199900292867  
Effect of zafirlukast on cough reflex sensitivity in asthmatics  
AUTHOR: Dicipinigitis Peter V (Reprint); Dobkin Jay B  
AUTHOR ADDRESS: Albert Einstein Hospital, 1825 Eastchester Road, Bronx, NY,  
10461, USA\*\*USA  
JOURNAL: Journal of Asthma 36 (3): p265-270 May, 1999 1999  
MEDIUM: print  
ISSN: 0277-0903  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

5/3/11 (Item 11 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2011 The Thomson Corporation. All rts. reserv.

15023674 BIOSIS NO.: 199900283334  
Adenosine A3 receptors on human eosinophils mediate inhibition of  
degranulation and superoxide anion release  
AUTHOR: Ezeamuzie Charles I (Reprint); Philips Elizabeth  
AUTHOR ADDRESS: Department of Pharmacology and Toxicology, Faculty of  
Medicine, Kuwait University, Safat, Kuwait\*\*Kuwait  
JOURNAL: British Journal of Pharmacology 127 (1): p188-194 May, 1999  
1999  
MEDIUM: print  
ISSN: 0007-1188  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

5/3/12 (Item 12 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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14872644 BIOSIS NO.: 199900132304  
Budesonide (BDS) inhibits eosinophil (Eos) chemotaxis through  
epithelial monolayers and intercellular adhesion molecule (ICAM)-1  
expression in C5a-activated bronchial epithelial cells (HBECS)  
AUTHOR: Gonzalez R (Reprint); Silvestri M; Cordone A; Morelli M C; Rossi G  
A  
AUTHOR ADDRESS: Pulm Div-Gaslini Inst., Univ. Genoa, Genoa, Italy\*\*Italy  
JOURNAL: European Respiratory Journal 12 (SUPPL. 28): p421S Sept., 1998  
1998  
MEDIUM: print  
CONFERENCE/MEETING: European Respiratory Society Annual Congress Geneva,  
Switzerland September 19-23, 1998; 19980919  
SPONSOR: The European Respiratory Society  
ISSN: 0903-1936

DOCUMENT TYPE: Meeting; Meeting Abstract  
RECORD TYPE: Citation  
LANGUAGE: English

5/3/13 (Item 13 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2011 The Thomson Corporation. All rts. reserv.

14796287 BIOSIS NO.: 199900055947  
LFA-1 expression by blood eosinophils is increased in atopic asthmatic children and is involved in eosinophil locomotion  
AUTHOR: Lantero S (Reprint); Alessandri G; Spallarossa D; Scarso L; Rossi G  
A  
AUTHOR ADDRESS: Pulmonary Division, G. Gaslini Institute, Largo G. Gaslini 5, 16147 Genoa, Italy\*\*Italy  
JOURNAL: European Respiratory Journal 12 (5): p1094-1098 Nov., 1998  
1998  
MEDIUM: print  
ISSN: 0903-1936  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

5/3/14 (Item 14 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2011 The Thomson Corporation. All rts. reserv.

14568578 BIOSIS NO.: 199800362825  
Human circulating eosinophils secrete macrophage migration inhibitory factor (MIF): Potential role in asthma  
AUTHOR: Rossi Adriano G; Haslett Christopher; Hirani Nikhil; Greening Andrew P; Rahman Irfan; Metz Christine N; Bucala Richard; Donnelly Seamas C (Reprint)  
AUTHOR ADDRESS: Respir. Med. Unit, Rayne Lab., Univ. Edinburgh, Med. Sch., Teviot Place, Edinburgh EH8 9AG, UK\*\*UK  
JOURNAL: Journal of Clinical Investigation 101 (12): p2869-2874 June 15, 1998 1998  
MEDIUM: print  
ISSN: 0021-9738  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

5/3/15 (Item 15 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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14366033 BIOSIS NO.: 199800160280  
Effects of some anti-asthma drugs of human eosinophil superoxide anions release and degranulation  
AUTHOR: Ezeamuzie Charles I (Reprint); Al-Hage Mary  
AUTHOR ADDRESS: Dep. Pharmacol. Toxicol., Fac. Med., Kuwait Univ., PO Box 24923, Safat 13110, Kuwait\*\*Kuwait  
JOURNAL: International Archives of Allergy and Immunology 115 (2): p 162-168 Feb., 1998 \*\*\*1998\*\*\*  
MEDIUM: print  
ISSN: 1018-2438  
DOCUMENT TYPE: Article

RECORD TYPE: Abstract  
LANGUAGE: English

5/3/16 (Item 16 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2011 The Thomson Corporation. All rts. reserv.

14304341 BIOSIS NO.: 199800098588  
Differential effects of salbutamol and salmeterol on human eosinophil responses  
AUTHOR: Ezeamuzie Charles I (Reprint); Al-Hage Mary  
AUTHOR ADDRESS: Dep. Pharmacol. Toxicol., Fac. Med., Kuwait Univ., P.O. Box 24923, Safat 13110, Kuwait\*\*Kuwait  
JOURNAL: Journal of Pharmacology and Experimental Therapeutics 284 (1): p 25-31 Jan., 1998 \*\*\*1998\*\*\*  
MEDIUM: print  
ISSN: 0022-3565  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

5/3/17 (Item 17 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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13908242 BIOSIS NO.: 199799542302  
Identification of neutrophil chemotactic factors in bronchoalveolar lavage fluid of asthmatic patients  
AUTHOR: Teran L M; Campos M G; Begishvilli B T; Schroeder J-M; Djukanovic R ; Shute J K; Church M K; Holgate S T (Reprint); Davies D E  
AUTHOR ADDRESS: Univ. Med., Level D, Centre Block, Southampton Gen. Hosp., Southampton S016 6YD, UK\*\*UK  
JOURNAL: Clinical and Experimental Allergy 27 (4): p396-405 1997  
1997  
ISSN: 0954-7894  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

5/3/18 (Item 18 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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13551361 BIOSIS NO.: 199699185421  
Human eotaxin represents a potent activator of the respiratory burst of human eosinophils  
AUTHOR: Elsner Joern (Reprint); Hoechstetter Renate; Kimmig Daniela; Kapp Alexander  
AUTHOR ADDRESS: Hannover Med. Sch., Dep. Dermatol., Ricklinger Str. 5, D-3049 Hannover, Germany\*\*Germany  
JOURNAL: European Journal of Immunology 26 (8): p1919-1925 1996 1996  
ISSN: 0014-2980  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

5/3/19 (Item 19 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)  
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13005856 BIOSIS NO.: 199598473689  
PDE isoenzymes as targets for anti-asthma drugs  
AUTHOR: Schudt C (Reprint); Tenor H; Hatzelmann A  
AUTHOR ADDRESS: Dep. Biochemistry, Byk Gulden, Byk-Gulden-Str. 2, 78467  
Konstanz, Germany\*\*Germany  
JOURNAL: European Respiratory Journal 8 (7): p1179-1183 1995 1995  
ISSN: 0903-1936  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

5/3/20 (Item 20 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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12950360 BIOSIS NO.: 199598418193  
Elevated intracellular cyclic AMP inhibits chemotaxis in human eosinophils  
AUTHOR: Kaneko Takeshi; Alvarez Robert; Ueki Iris F; Nadel Jay A (Reprint)  
AUTHOR ADDRESS: Cardiovasc. Res. Inst., Box 0130, Univ. Calif. San  
Francisco, San Francisco, CA 94143-0130, USA\*\*USA  
JOURNAL: Cellular Signalling 7 (5): p527-534 1995 1995  
ISSN: 0898-6568  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

5/3/21 (Item 21 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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12475460 BIOSIS NO.: 199497496745  
Effect of in vivo desensitization to leukotriene B-4 on eosinophil  
infiltration in response to C5a in guinea-pig skin  
AUTHOR: Pettipher E R (Reprint); Salter E D; Showell H J  
AUTHOR ADDRESS: Dep. Immunology Infectious Diseases, Central Res. Div.,  
Pfizer Inc., Groton, CT 06340, USA\*\*USA  
JOURNAL: British Journal of Pharmacology 113 (1): p117-120 1994 1994  
ISSN: 0007-1188  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

5/3/22 (Item 22 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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11833093 BIOSIS NO.: 199395135359  
Inhibition of cytokine-primed eosinophil chemotaxis by nedocromil sodium  
AUTHOR: Warringa Ruud A J; Mengelers Hein J J; Maikoe Tjander; Bruijnzeel P  
L B; Koenderman L (Reprint)  
AUTHOR ADDRESS: Dep. Pulm. Dis., Univ. Hosp. Utrecht, P.O. Box 85500, 3500  
GA Utrecht, Netherlands Antilles\*\*Netherlands Antilles  
JOURNAL: Journal of Allergy and Clinical Immunology 91 (3): p802-809  
1993  
ISSN: 0091-6749



DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

5/3/23 (Item 23 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2011 The Thomson Corporation. All rts. reserv.

11210584 BIOSIS NO.: 199293053475  
COMPLEMENT FRAGMENTS IN PATIENTS WITH BRONCHIAL ASTHMA  
AUTHOR: ONODERA H (Reprint); OKAMOTO M; TAKEMURA S; DOI T; KASAMATSU Y;  
YANAGIDA K; FUKUDA W; TANAKA M; DEGUCHI M; ET AL  
AUTHOR ADDRESS: DIV PULMONARY DISEASE, YOSANOUMI KYOTO PREFECTURAL  
HOSPITAL, KYOTO, JAPAN\*\*JAPAN  
JOURNAL: Japanese Journal of Allergology 40 (10): p1272-1281 1991  
ISSN: 0021-4884  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: JAPANESE

5/3/24 (Item 24 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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08191223 BIOSIS NO.: 198682037610  
INHIBITION OF IMMUNOLOGICAL AND NON-IMMUNOLOGICAL HISTAMINE RELEASE FROM  
HUMAN BASOPHILS AND LUNG MAST CELLS BY FORMOTEROL  
AUTHOR: SUBRAMANIAN N (Reprint)  
AUTHOR ADDRESS: PHARMACEUTICALS RES DIV, CIBA-GEIGY LTD, POSTFACH, CH-4002  
BASEL, SWITZ\*\*SWITZERLAND  
JOURNAL: Arzneimittel-Forschung 36 (3): p502-505 1986  
ISSN: 0004-4172  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: ENGLISH

5/3/25 (Item 25 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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06583748 BIOSIS NO.: 198274000171  
DIGESTION OF THE 5TH COMPONENT OF COMPLEMENT C-5 BY EOSINOPHIL LYOSOMAL  
ENZYMES PRODUCTION OF EOSINOPHIL SPECIFIC CHEMO TACTIC ACTIVITY  
AUTHOR: OGAWA H (Reprint); KUNKEL S L; FANTONE J C; WARD P A  
AUTHOR ADDRESS: DEP PATHOL, UNIV MICHIGAN MED SCH, ANN ARBOR, MICHIGAN  
48109, USA\*\*USA  
JOURNAL: Virchows Archiv B Cell Pathology Including Molecular Pathology 38  
(2): p149-158 1981  
ISSN: 0340-6075  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: ENGLISH

5/3/26 (Item 1 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2011 Elsevier B.V. All rts. reserv.

0079809422 EMBASE/Medline No: 2003165428

F(ab)' SUB 2-mediated neutralization of C3a and C5a anaphylatoxins: A novel effector function of immunoglobulins  
Basta M.; Van Goor F.; Luccioli S.; Billings E.M.; Vortmeyer A.O.; Baranyi L.; Szebeni J.; Alving C.R.; Carroll M.C.; Berkower I.; Stojilkovic S.S.; Metcalfe D.D.

Neuronal Excitability Section, Natl. Inst. Neurol. Disord./Stroke, Bethesda, MD, United States  
AUTHOR EMAIL: mb29r@nih.gov  
CORRESP. AUTHOR/AFFIL: Basta M.: Neuronal Excitability Section, Natl. Inst. Neurol. Disord./Stroke, Bethesda, MD, United States  
CORRESP. AUTHOR EMAIL: mb29r@nih.gov

Nature Medicine ( Nat. Med. ) (United States) April 1, 2003, 9/4 (431-438)

CODEN: NAMEF ISSN: 1078-8956  
DOI: 10.1038/nm836  
DOCUMENT TYPE: Journal; Article RECORD TYPE: Abstract  
LANGUAGE: English SUMMARY LANGUAGE: English  
NUMBER OF REFERENCES: 38

5/3/27 (Item 2 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2011 Elsevier B.V. All rts. reserv.

0079523963 EMBASE/Medline No: 2003230236

The complement system as a therapeutic target in autoimmunity  
Holers V.M.  
Dept. of Medicine and Immunology, Health Science Center, University of Colorado, Denver, CO 80262, United States; Dept. of Medicine and Immunology, Health Science Center, University of Colorado, 4200 E. Ninth Ave., Denver, CO 80262, United States  
AUTHOR EMAIL: michael.holers@uchsc.edu  
CORRESP. AUTHOR/AFFIL: Holers V.M.: Dept. of Medicine and Immunology, Health Science Center, University of Colorado, 4200 E. Ninth Ave., Denver, CO 80262, United States  
CORRESP. AUTHOR EMAIL: michael.holers@uchsc.edu

Clinical Immunology ( Clin. Immunol. ) (United States) June 1, 2003, 107/3 (140-151)

CODEN: CLIIIF ISSN: 1521-6616  
DOI: 10.1016/S1521-6616(03)00034-2  
DOCUMENT TYPE: Journal; Review RECORD TYPE: Citation  
LANGUAGE: English  
NUMBER OF REFERENCES: 161

5/3/28 (Item 3 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2011 Elsevier B.V. All rts. reserv.

0079223518 EMBASE/Medline No: 2002387438

Classical and alternative pathways of mast cell activation  
Stassen M.; Hultner L.; Schmitt E.  
Institut fur Immunologie, Hochhaus am Augustusplatz, D-55101 Mainz, Germany  
CORRESP. AUTHOR/AFFIL: Schmitt E.: Institut fur Immunologie, Hochhaus am Augustusplatz, D-55101 Mainz, Germany  
CORRESP. AUTHOR EMAIL: eschmitt@mail.uni-mainz.de

Critical Reviews in Immunology ( Crit. Rev. Immunol. ) (United States)  
November 13, 2002, 22/2 (115-140)  
CODEN: CCRID ISSN: 1040-8401  
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract  
LANGUAGE: English SUMMARY LANGUAGE: English  
NUMBER OF REFERENCES: 264

5/3/29 (Item 4 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2011 Elsevier B.V. All rts. reserv.

0078928240 EMBASE/Medline No: 2002091926  
Differential mediator release from basophils of allergic and non-allergic  
asthmatic patients after stimulation with anti-IgE and C5a  
Abrahamsen O.; Haas H.; Schreiber J.; Schlaak M.  
Medizinische Klinik Borstel, Parkallee 35, D-23845 Borstel, Germany  
CORRESP. AUTHOR/AFFIL: Abrahamsen O.: Medizinische Klinik Borstel,  
Parkallee 35, D-23845 Borstel, Germany  
CORRESP. AUTHOR EMAIL: hhaas@fz-borstel.de

Clinical and Experimental Allergy ( Clin. Exp. Allergy ) (United Kingdom)  
December 1, 2001, 31/3 (368-378)  
CODEN: CLEAE ISSN: 0954-7894  
DOI: 10.1046/j.1365-2222.2001.00965.x  
DOCUMENT TYPE: Journal; Article RECORD TYPE: Abstract  
LANGUAGE: English SUMMARY LANGUAGE: English  
NUMBER OF REFERENCES: 44

5/3/30 (Item 5 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2011 Elsevier B.V. All rts. reserv.

0078755074 EMBASE/Medline No: 2001361431  
Contribution of anaphylatoxin C5a to late airway responses after repeated  
exposure of antigen to allergic rats  
Abe M.; Shibata K.; Akatsu H.; Shimizu N.; Sakata N.; Katsuragi T.; Okada  
H.  
Department of Pharmacology, School of Medicine, Fukuoka University,  
Fukuoka 814-0180, Japan  
CORRESP. AUTHOR/AFFIL: Abe M.: Department of Pharmacology, School of  
Medicine, Fukuoka University, Fukuoka 814-0180, Japan  
CORRESP. AUTHOR EMAIL: abemasa@fukuoka-u.ac.jp

Journal of Immunology ( J. Immunol. ) (United States) October 15, 2001,  
167/8 (4651-4660)  
CODEN: JOIMA ISSN: 0022-1767  
DOCUMENT TYPE: Journal; Article RECORD TYPE: Abstract  
LANGUAGE: English SUMMARY LANGUAGE: English  
NUMBER OF REFERENCES: 37

5/3/31 (Item 6 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2011 Elsevier B.V. All rts. reserv.

0078584430 EMBASE/Medline No: 2001190709  
Involvement of A SUB 3 receptors in the potentiation by adenosine of the  
inhibitory effect of theophylline on human eosinophil degranulation:  
Possible novel mechanism of the anti-inflammatory action of theophylline

Ezeamuzie C.I.  
Dept. of Pharmacology and Toxicology, Fac. of Med., Kuwait Univ., 13110,  
Safat, Kuwait  
AUTHOR EMAIL: ezeamuzie@hsc.kuniv.edu.kw  
CORRESP. AUTHOR/AFFIL: Ezeamuzie C.I.: Dept. of Pharmacology/Toxicology,  
Faculty of Medicine, Kuwait University, Safat 13110, Kuwait  
CORRESP. AUTHOR EMAIL: ezeamuzie@hsc.edu.kw

Biochemical Pharmacology ( Biochem. Pharmacol. ) (United States) June  
15, 2001, 61/12 (1551-1559)  
CODEN: BCPA ISSN: 0006-2952  
PUBLISHER ITEM IDENTIFIER: S000629520100613X  
DOI: 10.1016/S0006-2952(01)00613-X  
DOCUMENT TYPE: Journal; Article RECORD TYPE: Abstract  
LANGUAGE: English SUMMARY LANGUAGE: English  
NUMBER OF REFERENCES: 44

5/3/32 (Item 7 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2011 Elsevier B.V. All rts. reserv.

0078431604 EMBASE/Medline No: 2001037439  
Studies on the effects of adenosine A SUB 3 receptor stimulation on human  
eosinophils isolated from non-asthmatic or asthmatic donors  
Reeves J.J.; Harris C.A.; Hayes B.P.; Butchers P.R.; Sheehan M.J.  
Receptor Pharmacology Unit, GlaxoWellcome Medicines Research Centre,  
Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY, United Kingdom  
CORRESP. AUTHOR/AFFIL: Reeves J.J.: Receptor Pharmacology Unit,  
GlaxoWellcome Medicines Res. Ctr., Gunnels Wood Road, Stevenage,  
Hertfordshire SG1 2NY, United Kingdom

Inflammation Research ( Inflamm. Res. ) (Switzerland) December 1, 2000,  
49/12 (666-672)  
CODEN: INREF ISSN: 1023-3830  
DOI: 10.1007/s000110050644  
DOCUMENT TYPE: Journal; Article RECORD TYPE: Abstract  
LANGUAGE: English SUMMARY LANGUAGE: English  
NUMBER OF REFERENCES: 29

5/3/33 (Item 8 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2011 Elsevier B.V. All rts. reserv.

0077674791 EMBASE/Medline No: 1999160983  
Adenosine A SUB 3 receptors on human eosinophils mediate inhibition of  
degranulation and superoxide anion release  
Ezeamuzie C.I.; Philips E.  
Dept. of Pharmacol. and Toxicology, Faculty of Medicine, Kuwait  
University, P.O. Box 24923, Safat, Kuwait  
AUTHOR EMAIL: ezeamuzie@hsc.kuniv.edu.kw  
CORRESP. AUTHOR/AFFIL: Ezeamuzie C.I.: Department Pharmacology  
Toxicology, Faculty of Medicine, Kuwait University, PO Box 24923, Safat,  
Kuwait  
CORRESP. AUTHOR EMAIL: ezeamuzie@hsc.kuniv.edu.kw

British Journal of Pharmacology ( Br. J. Pharmacol. ) (United Kingdom)  
May 19, 1999, 127/1 (188-194)  
CODEN: BJPCB ISSN: 0007-1188  
DOCUMENT TYPE: Journal; Article RECORD TYPE: Abstract

LANGUAGE: English SUMMARY LANGUAGE: English  
NUMBER OF REFERENCES: 37

5/3/34 (Item 9 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2011 Elsevier B.V. All rts. reserv.

0077408734 EMBASE/Medline No: 1998319152  
Eosinophil degranulation in the presence of lung fibroblasts  
Takafuji S.; Shoji S.; Ito K.; Yamamoto K.; Nakagawa T.  
Dept. of Med. and Physical Therapy, Faculty of Medicine, University of  
Tokyo; Department of Internal Medicine, Toyoko Hospital, St. Marianna  
Univ. Sch. of Medicine, Kawasaki-City, Japan; Department of Internal  
Medicine, Toyoko Hospital, St. Marianna Univ. Sch. of Medicine, 3-435  
Kosugi, Kawasaki-City, Kanagawa 211-0063, Japan  
AUTHOR EMAIL: takafu@po.iiijnet.or.jp  
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Toyoko Hospital, St. Marianna Univ. School Medicine, 3-435 Kosugi,  
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CORRESP. AUTHOR EMAIL: takafu@po.iiijnet.or.jp

International Archives of Allergy and Immunology ( Int. Arch. Allergy  
Immunol. ) (Switzerland) September 1, 1998, 117/SUPPL. 1 (52-54)  
CODEN: IRAIE ISSN: 1018-2438  
DOCUMENT TYPE: Journal; Conference Paper RECORD TYPE: Abstract  
LANGUAGE: English SUMMARY LANGUAGE: English  
NUMBER OF REFERENCES: 7

5/3/35 (Item 10 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2011 Elsevier B.V. All rts. reserv.

0077402613 EMBASE/Medline No: 1998313031  
Triple role of platelet-activating factor in eosinophil migration across  
monolayers of lung epithelial cells: Eosinophil chemoattractant and priming  
agent and epithelial cell activator  
Liu L.; Zuurbier A.E.M.; Mul F.P.J.; Verhoeven A.J.; Lutter R.; Knol E.F.  
; Roos D.  
Ctrl. Lab. Netherlands Red Cross B., Lab. of Exp. and Clinical  
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AUTHOR EMAIL: d; roos@clb.nl  
CORRESP. AUTHOR/AFFIL: Roos D.: Central Laboratory, Netherlands Red  
Cross, Blood Transfusion Service, Plesmanlaan 125, 1066 CX Amsterdam,  
Netherlands

Journal of Immunology ( J. Immunol. ) (United States) September 15, 1998  
161/6 (3064-3070)  
CODEN: JOIMA ISSN: 0022-1767  
DOCUMENT TYPE: Journal; Article RECORD TYPE: Abstract  
LANGUAGE: English SUMMARY LANGUAGE: English  
NUMBER OF REFERENCES: 54

5/3/36 (Item 11 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2011 Elsevier B.V. All rts. reserv.

0077208165 EMBASE/Medline No: 1998116870  
The effect of salmeterol on human eosinophils is both stimulus- and

response-dependent

Ezeamuzie C.I.; Al-Hage M.; Nwankwoala R.N.P.  
Dept. of Pharmacol./Toxicol., Faculty of Medicine, Kuwait University,  
P.O. Box 24923, Safat, 13110, Kuwait  
CORRESP. AUTHOR/AFFIL: Ezeamuzie C.I.: Dept. of Pharmacol./Toxicol.,  
Faculty of Medicine, Kuwait University, P.O. Box 24923, Safat, 13110,  
Kuwait

International Journal of Immunopharmacology ( Int. J. Immunopharmacol. )  
(United Kingdom) December 1, 1997, 19/8 (421-430)  
CODEN: IJIMD ISSN: 0192-0561  
PUBLISHER ITEM IDENTIFIER: S0192056197000994  
DOI: 10.1016/S0192-0561(97)00099-4  
DOCUMENT TYPE: Journal; Article RECORD TYPE: Abstract  
LANGUAGE: English SUMMARY LANGUAGE: English  
NUMBER OF REFERENCES: 33

5/3/37 (Item 12 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2011 Elsevier B.V. All rts. reserv.

0077125113 EMBASE/Medline No: 1998033540  
Effects of some anti-asthma drugs on human eosinophil superoxide  
anions release and degranulation  
Ezeamuzie C.I.; Al-Hage M.  
Dept. of Pharmacology and Toxicology, Faculty of Medicine, Kuwait  
University, Safat, Kuwait; Dept. of Pharmacology and Toxicology, Faculty  
of Medicine, Kuwait University, PO Box 24923, Safat 13110, Kuwait  
CORRESP. AUTHOR/AFFIL: Ezeamuzie C.I.: Department Pharmacology  
Toxicology, Faculty of Medicine, Kuwait University, PO Box 24923, Safat  
13110, Kuwait

International Archives of Allergy and Immunology ( Int. Arch. Allergy  
Immunol. ) (Switzerland) February 1, 1998, 115/2 (162-168)  
CODEN: IAAIE ISSN: 1018-2438  
DOCUMENT TYPE: Journal; Article RECORD TYPE: Abstract  
LANGUAGE: English SUMMARY LANGUAGE: English  
NUMBER OF REFERENCES: 27

5/3/38 (Item 13 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2011 Elsevier B.V. All rts. reserv.

0076905205 EMBASE/Medline No: 1997198322  
Eosinophil cationic protein in allergic disease (part one)  
Proteína catiónica del eosinófilo en enfermedades alérgicas (Primera  
parte)  
Miralles Lopez J.C.; Negro J.M.; Hernandez J.; Caravaca F.; Sarrio F.  
Plaza Juan XXIII, no. 3, 30008 Murcia, Spain  
CORRESP. AUTHOR/AFFIL: Miralles Lopez J.C.: Plaza Juan XXIII, no. 3, 30008  
Murcia, Spain

Revista Espanola de Alergologia e Inmunologia Clinica ( REV. ESP.  
ALERGOL. INMUNOL. CLIN. ) (Spain) December 1, 1996, 11/2 (77-84)  
CODEN: REACE ISSN: 0214-1477  
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract  
LANGUAGE: Spanish SUMMARY LANGUAGE: English; Spanish  
NUMBER OF REFERENCES: 47

5/3/39 (Item 14 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2011 Elsevier B.V. All rts. reserv.

0074972758 EMBASE/Medline No: 1992124431  
Complement activation by house dust: Reduced reactivity of serum  
complement in patients with bronchial asthma  
Castro F.F.M.; Schmitz-Schumann M.; Rother U.; Kirschfink M.  
Institute of Immunology, University of Heidelberg, Im Neuenheimer Feld  
305, D-W-6900 Heidelberg, Germany  
CORRESP. AUTHOR/AFFIL: Kirschfink M.: Institute of Immunology, University  
of Heidelberg, Im Neuenheimer Feld 305, D-W-6900 Heidelberg, Germany

International Archives of Allergy and Applied Immunology ( INT. ARCH.  
ALLERGY APPL. IMMUNOL. ) (Switzerland) December 1, 1991, 96/4 (305-310)  
CODEN: IAAAA ISSN: 0020-5915  
DOCUMENT TYPE: Journal; Article RECORD TYPE: Abstract  
LANGUAGE: English SUMMARY LANGUAGE: English

5/3/40 (Item 15 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2011 Elsevier B.V. All rts. reserv.

0074963760 EMBASE/Medline No: 1992115433  
In vivo priming of platelet-activating factor-induced eosinophil  
chemotaxis in allergic asthmatic individuals  
Warringa R.A.J.; Mengelers H.J.J.; Kuijper P.H.M.; Raaijmakers J.A.M.;  
Bruijnzeel P.L.B.; Koenderman L.  
Pulmonary Diseases Department, University Hospital Utrecht, PO Box 85500,  
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CORRESP. AUTHOR/AFFIL: Koenderman L.: Pulmonary Diseases Department,  
University Hospital Utrecht, PO Box 85500, 3500 GA Utrecht, Netherlands

Blood ( BLOOD ) (United States) April 15, 1992, 79/7 (1836-1841)  
CODEN: BLOOA ISSN: 0006-4971  
DOCUMENT TYPE: Journal; Article RECORD TYPE: Abstract  
LANGUAGE: English SUMMARY LANGUAGE: English

5/3/41 (Item 16 from file: 73)  
DIALOG(R)File 73:EMBASE  
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0072279433 EMBASE/Medline No: 1982022051  
Digestion of the fifth component of complement by eosinophil lysosomal  
enzymes. Production of eosinophil specific chemotactic activity  
Ogawa H.; Kunkel S.L.; Fantone J.C.; Ward P.A.  
Dept. Pathol., Univ. Michigan Med. Sch., Ann Arbor, MI 48109, United  
States:  
CORRESP. AUTHOR/AFFIL: Dept. Pathol., Univ. Michigan Med. Sch., Ann  
Arbor, MI 48109, United States

Virchows Archiv Abteilung B Cell Pathology ( VIRCHOWS ARCH. ABT. B CELL  
PATHOL. ) (Germany) December 1, 1981, 38/2 (149-157)  
CODEN: VAAZA  
DOCUMENT TYPE: Journal; Article RECORD TYPE: Abstract  
LANGUAGE: English

5/3/42 (Item 17 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2011 Elsevier B.V. All rts. reserv.

0071514916 EMBASE/Medline No: 1979248367  
Late immune reactions in the allergen induced bronchial asthma  
ZUR PATHOGENESE VERZOGERTER IMMUNREAKTIONEN BEIM ASTHMA BRONCHIALE  
Dorsch W.; Baur X.; Becker Th.  
Inst. Poliklin. Arbeitsmed., Klin. Grosshadern, Germany:  
CORRESP. AUTHOR/AFFIL: Inst. Poliklin. Arbeitsmed., Klin. Grosshadern,  
Germany

Atemwegs- und Lungenkrankheiten ( ATEMWEGS- LUNGENKR. ) (Germany)  
December 17, 1979, 5/4 (294-297)  
CODEN: ATLUD ISSN: 0341-3055  
DOCUMENT TYPE: Journal RECORD TYPE: Abstract  
LANGUAGE: German SUMMARY LANGUAGE: English

5/3/43 (Item 18 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2011 Elsevier B.V. All rts. reserv.

0067846920 EMBASE/Medline No: 9730868  
A CD18/ICAM-1-dependent pathway mediates eosinophil adhesion to human  
bronchial epithelial cells.  
Burke-Gaffney A.; Hellewell P.G.  
Department of Applied Pharmacology, Imperial College School of Medicine  
at the National Heart and Lung Institute, London, United Kingdom.  
CORRESP. AUTHOR/AFFIL: Burke-Gaffney A.: Department of Applied  
Pharmacology, Imperial College School of Medicine at the National Heart and  
Lung Institute, London, United Kingdom.  
CORRESP. AUTHOR EMAIL: a.burke-gaffney@ic.ac.uk

American journal of respiratory cell and molecular biology ( Am. J.  
Respir. Cell Mol. Biol. ) (United States) September 1, 1998, 19/3  
(408-418)  
ISSN: 1044-1549  
DOCUMENT TYPE: Journal; Article RECORD TYPE: Abstract  
FILE SEGMENT: Medline  
LANGUAGE: English

5/3/44 (Item 1 from file: 155)  
DIALOG(R)File 155:MEDLINE(R)  
(c) format only 2011 Dialog. All rts. reserv.

14836962 PMID: 11719302  
Effect of wortmannin on human eosinophil responses in vitro and on  
bronchial inflammation and airway hyperresponsiveness in Guinea pigs in  
vivo.  
Ezeamuzie C I; Sukumaran J; Philips E  
Department of Pharmacology and Toxicology, Faculty of Medicine, Kuwait  
University, Safat, Kuwait. ezeamuzie@hsc.kuniv.edu.kw  
American journal of respiratory and critical care medicine (United States  
) Nov 1 2001, 164 (9) p1633-9, ISSN 1073-449X--Print 1073-449X  
--Linking Journal Code: 9421642  
Publishing Model Print  
Document type: Evaluation Studies; In Vitro; Journal Article; Research  
Support, Non-U.S. Gov't  
Languages: ENGLISH



Main Citation Owner: NLM  
Record type: MEDLINE; Completed

5/3/45 (Item 2 from file: 155)  
DIALOG(R)File 155:MEDLINE(R)  
(c) format only 2011 Dialog. All rts. reserv.

13404955 PMID: 9860239  
Eosinophil leukocyte degranulation in response to serum-opsonized beads: C5a and platelet-activating factor enhance ECP release, with roles for protein kinases A and C.  
Egesten A; Malm J  
Department of Medicine, Lund University, University Hospital MAS, Malmo, Sweden.  
Allergy (DENMARK) Nov 1998, 53 (11) p1066-73, ISSN 0105-4538  
--Print 0105-4538--Linking Journal Code: 7804028  
Publishing Model Print  
Document type: Journal Article; Research Support, Non-U.S. Gov't  
Languages: ENGLISH  
Main Citation Owner: NLM  
Record type: MEDLINE; Completed

5/3/46 (Item 3 from file: 155)  
DIALOG(R)File 155:MEDLINE(R)  
(c) format only 2011 Dialog. All rts. reserv.

12495041 PMID: 8947334  
Allergic bronchial asthma: eosinophil chemotaxis and antihistaminic drug modulation.  
Ventura M T; Casale G; Cenci L; Tursi A  
Department of Allergology and Clinical Immunology, University of Bari, Italy.  
Allergy (DENMARK) Nov 1996, 51 (11) p777-81, ISSN 0105-4538--  
Print 0105-4538--Linking Journal Code: 7804028  
Publishing Model Print  
Document type: Journal Article  
Languages: ENGLISH  
Main Citation Owner: NLM  
Record type: MEDLINE; Completed

5/3/47 (Item 4 from file: 155)  
DIALOG(R)File 155:MEDLINE(R)  
(c) format only 2011 Dialog. All rts. reserv.

08766625 PMID: 3608241  
Airway responses in vitro following C5a des Arg-induced hyper-responsiveness in vivo in rabbits.  
Armour C L; Black J L; Vincenc K S; Johnson P R; Ward H; Berend N  
Clinical and experimental pharmacology & physiology (ENGLAND) Jan 1987, 14 (1) p7-14, ISSN 0305-1870--Print 0305-1870--Linking  
Journal Code: 0425076  
Publishing Model Print  
Document type: Comparative Study; In Vitro; Journal Article; Research Support, Non-U.S. Gov't  
Languages: ENGLISH  
Main Citation Owner: NLM  
Record type: MEDLINE; Completed

5/3/48 (Item 5 from file: 155)  
DIALOG(R)File 155:MEDLINE(R)  
(c) format only 2011 Dialog. All rts. reserv.

08204591 PMID: 2415448  
[Cellular and humoral bases of allergic reactions].  
Zellulare und humorale Grundlagen allergischer Reaktionen.  
Kownatzki E  
Immunitat und Infektion (GERMANY, WEST) Sep 1985, 13 (5)  
p165-70, ISSN 0340-1162--Print 0340-1162--Linking Journal Code: 7505519  
Publishing Model Print  
Document type: English Abstract; Journal Article  
Languages: GERMAN  
Main Citation Owner: NLM  
Record type: MEDLINE; Completed

5/3/49 (Item 6 from file: 155)  
DIALOG(R)File 155:MEDLINE(R)  
(c) format only 2011 Dialog. All rts. reserv.

07002752 PMID: 6459046  
Immune complex injury of the lung. Symposium held at the 74th annual  
meeting of the American Thoracic Society, Las Vegas, Nevada, May 1979.  
Daniele R P; Henson P M; Fantone J C; Ward P A; Dreisin R B  
American review of respiratory disease (UNITED STATES) Dec 1981,  
124 (6) p738-55, ISSN 0003-0805--Print 0003-0805--Linking  
Journal Code: 0370523  
Contract/Grant No.: AI-09651; AI; NIAID NIH HHS United States; HL-21565;  
HL; NHLBI NIH HHS United States; HL-23877; HL; NHLBI NIH HHS United States;  
+  
Publishing Model Print  
Document type: Journal Article; Research Support, Non-U.S. Gov't;  
Research Support, U.S. Gov't, P.H.S.; Review  
Languages: ENGLISH  
Main Citation Owner: NLM  
Record type: MEDLINE; Completed

5/3/50 (Item 1 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
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139307760 CA: 139(20)307760a PATENT  
Preparation of new aryl imidazoles and related compounds as C5a receptor  
modulators  
INVENTOR(AUTHOR): Luke, George P.; Maynard, George; Mitchell, Scott;  
Thurkauf, Andrew; Xie, Linghong; Zhang, Luyan; Zhang, Suoming; Zhao, He;  
Chenard, Bertrand L.; Gao, Yang; Han, Bingsong; He, Xiao Shu  
LOCATION: USA  
ASSIGNEE: Neurogen Corporation  
PATENT: PCT International; WO 200382829 A1 DATE: 20031009  
APPLICATION: WO 2003US9938 (20030328) \*US PV369112 (20020329) \*US  
PV392145 (20020626)  
PAGES: 356 pp. CODEN: PIXXD2 LANGUAGE: English  
PATENT CLASSIFICATIONS:  
CLASS: C07D-233/54A; A61K-031/4164B  
DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ;  
CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; ES; FI; GB; GD; GE; GH;  
GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU;

LV; MA; MD; MG; MK; MN; MW; MX; MZ; NO; NZ; OM; PH; PL; PT; RO; RU; SC; SD;  
SE; SG; SK; SL; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; YU; ZA; ZM;  
ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM; KE; LS  
; MW; MZ; SD; SL; SZ; TZ; UG; ZM; ZW; AT; BE; BG; CH; CY; CZ; DE; DK; EE;  
ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL; PT; RO; SE; SI; SK; TR; BF; BJ;  
CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG

5/3/51 (Item 2 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
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139307693 CA: 139(20)307693f PATENT  
Preparation of substituted tetrahydroisoquinolines as C5a receptor  
modulators  
INVENTOR(AUTHOR): Mitchell, Scott; Ohliger, Robert; Zhang, Luyan; Zhao,  
He; Currie, Kevin; Lee, Kyungae  
LOCATION: USA  
ASSIGNEE: Neurogen Corporation  
PATENT: PCT International ; WO 200382828 A1 DATE: 20031009  
APPLICATION: WO 2003US9046 (20030325) \*US PV368199 (20020328)  
PAGES: 104 pp. CODEN: PIXXD2 LANGUAGE: English  
PATENT CLASSIFICATIONS:  
CLASS: C07D-217/04A; A61K-031/47B  
DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ;  
CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; ES; FI; GB; GD; GE; GH;  
GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU;  
LV; MA; MD; MG; MK; MN; MW; MX; MZ; NO; NZ; OM; PH; PL; PT; RO; RU; SC; SD;  
SE; SG; SK; SL; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; YU; ZA; ZM;  
ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM; KE; LS  
; MW; MZ; SD; SL; SZ; TZ; UG; ZM; ZW; AT; BE; BG; CH; CY; CZ; DE; DK; EE;  
ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL; PT; RO; SE; SI; SK; TR; BF; BJ;  
CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG

5/3/52 (Item 3 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
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139307607 CA: 139(20)307607f PATENT  
Preparation of substituted biaryl amides as C5a receptor modulators  
INVENTOR(AUTHOR): Gao, Yang; Hutchison, Alan; Peterson, John; Pringle,  
Wallace; Thurkauf, Andrew; Yoon, Taeyoung; Zhao, He  
LOCATION: USA  
ASSIGNEE: Neurogen Corporation  
PATENT: PCT International ; WO 200382826 A1 DATE: 20031009  
APPLICATION: WO 2003US9045 (20030325) \*US PV368462 (20020328) \*US  
PV372150 (20021204)  
PAGES: 144 pp. CODEN: PIXXD2 LANGUAGE: English  
PATENT CLASSIFICATIONS:  
CLASS: C07D-215/00A; C07D-233/02B; C07D-235/02B; C07D-317/44B;  
C07D-405/00B; C07D-409/00B; A61K-031/38B; A61K-031/40B; A61K-031/415B  
DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ;  
CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; ES; FI; GB; GD; GE; GH;  
GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU;  
LV; MA; MD; MG; MK; MN; MW; MX; MZ; NO; NZ; OM; PH; PL; PT; RO; RU; SC; SD;  
SE; SG; SK; SL; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; YU; ZA; ZM;  
ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM; KE; LS  
; MW; MZ; SD; SL; SZ; TZ; UG; ZM; ZW; AT; BE; BG; CH; CY; CZ; DE; DK; EE;  
ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL; PT; RO; SE; SI; SK; TR; BF; BJ;  
CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG

5/3/53 (Item 4 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
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139286343 CA: 139(19)286343z PATENT  
Combination therapy using a C5a antagonist and a C5a receptor-inactive  
therapeutic agent for the treatment of conditions with pathogenic  
inflammatory components  
INVENTOR(AUTHOR): Krause, James  
LOCATION: USA  
ASSIGNEE: Neurogen Corporation  
PATENT: PCT International ; WO 200384524 A1 DATE: 20031016  
APPLICATION: WO 2003US9424 (20030327) \*US PV368925 (20020329)  
PAGES: 221 pp. CODEN: PIXXD2 LANGUAGE: English  
PATENT CLASSIFICATIONS:  
CLASS: A61K-031/19A; A61K-031/415B; A61K-031/445B  
DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ;  
CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; ES; FI; GB; GD; GE; GH;  
GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU;  
LV; MA; MD; MG; MK; MN; MW; MX; MZ; NI; NO; NZ; OM; PH; PL; PT; RO; RU; SC;  
SD; SE; SG; SK; SL; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VN; YU; ZA;  
ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM; KE;  
LS; MW; MG; SR; SD; SL; SZ; TZ; UG; ZM; ZW; AT; BE; BG; CH; CY; CZ; DE; DK;  
EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL; PT; RO; SE; SI; SK; TR; BF;  
BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG

5/3/54 (Item 5 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
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138331692 CA: 138(22)331692e PATENT  
Cyclic peptides and peptidomimetic compounds as G protein-coupled  
receptor antagonists, and therapeutic use  
INVENTOR(AUTHOR): Taylor, Steve; Shiels, Ian Alexander  
LOCATION: Australia  
ASSIGNEE: University of Queensland  
PATENT: PCT International ; WO 200333528 A1 DATE: 20030424  
APPLICATION: WO 2002AU1427 (20021017) \*AU 20018334 (20011017)  
PAGES: 97 pp. CODEN: PIXXD2 LANGUAGE: English  
PATENT CLASSIFICATIONS:  
CLASS: C07K-007/56A; A61K-038/08B; A61P-011/00B; A61P-009/10B;  
A61P-017/00B; A61P-037/00B  
DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ;  
CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; ES; FI; GB; GD; GE; GH;  
GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU;  
LV; MA; MD; MG; MK; MN; MW; MX; MZ; NO; NZ; OM; PH; PL; PT; RO; RU; SD; SE;  
SG; SI; SK; SL; TJ; TM; TN; TR; TT; TZ; UA; UG; US; VN; YU; ZA; ZM; ZW;  
AM; AZ; BY; KG; KZ; MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM; KE; LS; MW;  
MZ; SD; SL; SZ; TZ; UG; ZM; ZW; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;  
FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; SK; TR; BF; BJ; CF; CG; CI; CM;  
GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG

5/3/55 (Item 6 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
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136068714 CA: 136(5)68714t PATENT

Peptide and polypeptide inhibitors of complement C1s

INVENTOR(AUTHOR): West, Robert R.; Sheppard, Paul O.; Fox, Brian A.

LOCATION: USA

ASSIGNEE: Zymogenetics, Inc.

PATENT: PCT International ; WO 200198365 A2 DATE: 20011227

APPLICATION: WO 2001US19405 (20010618) \*US PV212998 (20000621)

PAGES: 99 pp. CODEN: PIXXD2 LANGUAGE: English

PATENT CLASSIFICATIONS:

CLASS: C07K-700/A

DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI; SK; SL; TJ; TM; TR; TT; TZ; UA; UG; UZ; VN; YU; ZA; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ; UG; ZW; AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML; MR; NE; SN; TD; TG

5/3/56 (Item 7 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

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129314955 CA: 129(24)314955q PATENT

Inhibition of B-1 cell mediated immune conditions

INVENTOR(AUTHOR): Askenase, Philip W.; Tsuji, Ryohei; Paliwal, Vipin; Kawikova, Ivana

LOCATION: USA

ASSIGNEE: Yale University

PATENT: PCT International ; WO 9846255 A1 DATE: 19981022

APPLICATION: WO 98US7535 (19980417) \*US 45234 (19970417)

PAGES: 66 pp. CODEN: PIXXD2 LANGUAGE: English

PATENT CLASSIFICATIONS:

CLASS: A61K-038/20A; A61K-039/395B; G01N-033/53B

DESIGNATED COUNTRIES: AU; CA; JP; US DESIGNATED REGIONAL: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE

5/3/57 (Item 8 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

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129157717 CA: 129(13)157717u PATENT

Human c5a-like receptor

INVENTOR(AUTHOR): Coleman, Roger; Bandman, Olga

LOCATION: USA

ASSIGNEE: Incyte Pharmaceuticals, Inc.

PATENT: PCT International ; WO 9833908 A1 DATE: 19980806

APPLICATION: WO 98US1182 (19980120) \*US 791974 (19970131)

PAGES: 60 pp. CODEN: PIXXD2 LANGUAGE: English

PATENT CLASSIFICATIONS:

CLASS: C12N-015/12A; C07K-014/705B; C12Q-001/68B; C12N-005/10B; A61K-038/17B; C07K-016/28B; C07K-014/72B

DESIGNATED COUNTRIES: AT; AU; BR; CA; CH; CN; DE; DK; ES; FI; GB; IL; JP; KR; MX; NO; NZ; RU; SE; SG; US; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM

DESIGNATED REGIONAL: GH; GM; KE; LS; MW; SD; SZ; UG; ZW; AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; BF; BJ; CF; CG; CI; CM; GA; GN; ML; MR; NE; SN; TD; TG

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Set	Items	Description
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S1 662 (C5 OR C5A OR ANTI(W)C5?) AND (ASTHMA)  
 S2 234 (C5 OR C5A OR ANTI(W)C5?) (2ON) (ANTIBOD? OR INHIBIT? OR SUP-  
 PRESS? OR BLOCK? OR ANTAGON? OR PREVENT?) AND (ASTHMA)  
 S3 154 RD S2 (unique items)  
 S4 57 S3 AND PY<2004  
 S5 57 RD S4 (unique items)  
 ? t s7/1,3,4,7,9,15,26,27,28,30,37,46  
 >>>Format 46 is not valid in file 5  
 >>>Format 46 is not valid in file 73  
 >>>Format 46 is not valid in file 155  
 >>>Format 46 is not valid in file 399  
 ? t s7/7/1,3,4,7,9,15,26,27,28,30,37,46

5/7/1 (Item 1 from file: 5)  
 DIALOG(R)File 5:Biosis Previews(R)  
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17678937 BIOSIS NO.: 200400059694  
 Inhibition of complement activation decreases airway inflammation and hyperresponsiveness.  
 AUTHOR: Taube Christian; Rha Yeong-Ho; Takeda Katsuyuki; Park Jung-Won; Joetham Anthony; Balhorn Annette; Dakhama Azzeddine; Giclas Patricia C; Holers V Michael; Gelfand Erwin W (Reprint)  
 AUTHOR ADDRESS: National Jewish Medical and Research Center, 1400 Jackson Street, Denver, CO, 80206, USA\*\*USA  
 AUTHOR E-MAIL ADDRESS: gelfande@njc.org  
 JOURNAL: American Journal of Respiratory and Critical Care Medicine 168 (11): p1333-1341 December 1, 2003 2003  
 MEDIUM: print  
 ISSN: 1073-449X \_(ISSN print)  
 DOCUMENT TYPE: Article  
 RECORD TYPE: Abstract  
 LANGUAGE: English

ABSTRACT: Studies in murine models have suggested the involvement of the complement anaphylatoxins (C3a and C5a) in the development of allergic \*\*\*asthma\*\*\*. We investigated the effects of \*\*\*inhibiting\*\*\* complement activation after sensitization but before allergen challenge on the development of allergic airway inflammation and airway hyperresponsiveness. To prevent complement activation, we used a recombinant soluble form of the mouse membrane complement inhibitor complement receptor-related gene y (Crry) fused to the IgG1 hinge, CH2 and CH3 domains (Crry-Ig), which has decay-accelerating activity for both the classic and alternative pathways of complement as well as cofactor activity for factor I-mediated cleavage of C3b and C4b. C57BL/6 mice were sensitized (Days 1 and 14) and challenged (Days 24-26) with ovalbumin. Crry-Ig was administered after allergen sensitization either as an intraperitoneal injection or by nebulization before allergen challenge. Crry-Ig significantly prevented the development of airway hyperresponsiveness, decreased airway and lung eosinophilia as well as the numbers of lung lymphocytes, decreased levels of interleukin (IL)-4, IL-5, and IL-13 in bronchoalveolar lavage fluid and decreased serum ovalbumin-specific IgE and IgG1. These results suggest that prevention of complement activation may have a therapeutic role in the treatment of allergic airway inflammation and \*\*\*asthma\*\*\* in sensitized individuals.

5/7/3 (Item 3 from file: 5)  
 DIALOG(R)File 5:Biosis Previews(R)  
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17248537 BIOSIS NO.: 200300207256

F(ab)'2-mediated neutralization of C3a and C5a anaphylatoxins: A novel effector function of immunoglobulins.

AUTHOR: Basta Milan (Reprint); Van Goor Fredric; Luccioli Stefano; Billings Eric M; Vortmeyer Alexander O; Baranyi Lajos; Szebeni Janos; Alving Carl R; Carroll Michael C; Berkower Ira; Stojilkovic Stanko S; Metcalfe Dean D

AUTHOR ADDRESS: Neuronal Excitability Section, National Institute for Neurological Disorders and Stroke, National Institutes of Health, Bethesda, MD, USA\*\*USA

AUTHOR E-MAIL ADDRESS: mb29r@nih.gov

JOURNAL: Nature Medicine 9 (4): p431-438 April 2003 2003

MEDIUM: print

ISSN: 1078-8956 \_(ISSN print)

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

ABSTRACT: High-dose intravenous immunoglobulin (IVIG) prevents immune damage by scavenging complement fragments C3b and C4b. We tested the hypothesis that exogenous immunoglobulin molecules also bind anaphylatoxins C3a and C5a, thereby neutralizing their pro-inflammatory effects. Single-cell calcium measurements in HMC-1 human mast cells showed that a rise in intracellular calcium caused by C3a and C5a was inhibited in a concentration-dependent manner by IVIG, F(ab)'2-IVIG and irrelevant human monoclonal \*\*\*antibody\*\*\*. C3a- and C5a-induced thromboxane (TXB2) generation and histamine release from HMC-1 cells and whole-blood basophils were also suppressed by exogenous immunoglobulins. In a mouse model of \*\*\*asthma\*\*\*, immunoglobulin treatment reduced cellular migration to the lung. Lethal C5a-mediated circulatory collapse in pigs was prevented by pretreatment with F(ab)'2-IVIG. Molecular modeling, surface plasmon resonance (SPR) and western blot analyses suggested a physical association between anaphylatoxins and the constant region of F(ab)'2. This binding could interfere with the role of C3a and C5a in inflammation.

5/7/4 (Item 4 from file: 5)

DIALOG(R)File 5: Biosis Previews(R)

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17015827 BIOSIS NO.: 200200609338

Contribution of anaphylatoxin C5a to allergic late airway responses after repeated antigen exposure

AUTHOR: Abe Masayoshi (Reprint); Shibata Kazuhiko; Akatsu Hiroyasu; Shimizu Naomi; Katsuragi Takeshi (Reprint); Okada Hidechika

AUTHOR ADDRESS: Department of Pharmacology, Fukuoka University, Fukuoka, 814-0180, Japan\*\*Japan

JOURNAL: International Immunopharmacology 2 (9): p1369 August, 2002 2002

MEDIUM: print

CONFERENCE/MEETING: XIX International Complement Workshop Palermo, Italy September 22-26, 2002; 20020922

ISSN: 1567-5769

DOCUMENT TYPE: Meeting; Meeting Abstract

RECORD TYPE: Citation

LANGUAGE: English

5/7/7 (Item 7 from file: 5)

DIALOG(R)File 5: Biosis Previews(R)

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16119661 BIOSIS NO.: 200100291500

Complement-dependent immune complex-induced bronchial inflammation and hyperreactivity

AUTHOR: Lukacs Nicholas W (Reprint); Glovsky M Michael; Ward Peter A

AUTHOR ADDRESS: Dept. of Pathology, Univ. of Michigan Medical School, 1301 Catherine, Ann Arbor, MI, 48109-0602, USA\*\*USA

JOURNAL: American Journal of Physiology 280 (3 Part 1): pL512-L518 March, 2001 2001

MEDIUM: print

ISSN: 0002-9513

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

ABSTRACT: Bronchoconstriction responses in the airway are caused by multiple insults and are the hallmark symptom in \*\*\*asthma\*\*\*. In an acute lung injury model in mice, IgG immune complex deposition elicited severe airway hyperreactivity that peaked by 1 h, was maintained at 4 h, and was resolved by 24 h. The depletion of complement with cobra venom factor (CVF) markedly reduced the hyperreactive airway responses, suggesting that complement played an important role in the response. Blockade of C5a with specific antisera also significantly reduced airway hyperreactivity in this acute lung model. Complement depletion by CVF treatment significantly reduced tumor necrosis factor and histamine levels in bronchoalveolar lavage fluids, correlating with reductions in airway hyperreactivity. To further examine the role of specific complement requirement, we initiated the immune complex response in C5-sufficient and C5-deficient congenic animals. The airway hyperreactivity response was partially reduced in the C5-deficient mice. Complement depletion with CVF attenuated airway hyperreactivity in the C5-sufficient mice but had a lesser effect on the airway hyperreactive response and histamine release in bronchoalveolar lavage fluids in C5-deficient mice. These data indicate that acute lung injury in mice after deposition of IgG immune complexes induced airway hyperreactivity that is C5 and C5a dependent.

5/7/9 (Item 9 from file: 5)

DIALOG(R)File 5: Biosis Previews(R)

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15921732 BIOSIS NO.: 200100093571

Identification of complement factor 5 as a susceptibility locus for experimental allergic asthma

AUTHOR: Karp Christopher L; Grupe Andrew; Schadt Eric; Ewart Susan L;

Keane-Moore Michelle; Cuomo Peter J; Kohl Jorg; Wahl Larry; Kuperman

Douglas; Germer Soren; Aud Dee; Peltz Gary; Wills-Karp Marsha (Reprint)

AUTHOR ADDRESS: Department of Environmental Health Sciences, Johns Hopkins

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St., Baltimore, MD, 21205, USA\*\*USA

JOURNAL: Nature Immunology 1 (3): p221-226 September, 2000 2000

MEDIUM: print

ISSN: 1529-2908

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

ABSTRACT: The prevalence and severity of allergic asthma continue to rise, lending urgency to the search for environmental triggers and



genetic substrates. Using microarray analysis of pulmonary gene expression and single nucleotide polymorphism-based genotyping, combined with quantitative trait locus analysis, we identified the gene encoding complement factor 5 (C5) as a susceptibility locus for allergen-induced airway hyperresponsiveness in a murine model of \*\*\*asthma\*\*\*. A deletion in the coding sequence of C5 leads to C5-deficiency and susceptibility. Interleukin 12 (IL-12) is able to \*\*\*prevent\*\*\* or reverse experimental allergic \*\*\*asthma\*\*\*. \*\*\*Blockade\*\*\* of the C5a receptor rendered human monocytes unable to produce IL-12, mimicking blunted IL-12 production by macrophages from C5-deficient mice and providing a mechanism for the regulation of susceptibility to \*\*\*asthma\*\*\* by C5. The role of complement in modulating susceptibility to asthma highlights the importance of immunoregulatory events at the interface of innate and adaptive immunity in disease pathogenesis.

5/7/15 (Item 15 from file: 5)  
DIALOG(R)File 5:BIOSIS Previews(R)  
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14366033 BIOSIS NO.: 199800160280  
Effects of some anti-asthma drugs of human eosinophil superoxide anions release and degranulation  
AUTHOR: Ezeamuzie Charles I (Reprint); Al-Hage Mary  
AUTHOR ADDRESS: Dep. Pharmacol. Toxicol., Fac. Med., Kuwait Univ., PO Box 24923, Safat 13110, Kuwait\*\*Kuwait  
JOURNAL: International Archives of Allergy and Immunology 115 (2): p 162-168 Feb., 1998 \*\*\*1998\*\*\*  
MEDIUM: print  
ISSN: 1018-2438  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

ABSTRACT: Background: Eosinophil infiltration of bronchial tissues and subsequent release of inflammatory mediators by them are the hallmarks of bronchial asthma but it has not yet been clarified whether anti-\*\*\*asthma\*\*\* drugs affect these cells directly. In this study, we investigated the direct effects of 8 clinically used anti-asthma drugs (salbutamol, salmeterol, theophylline, denbutylline, disodium cromoglycate (DSG), azelastine, ketotifen and dexamethasone) on superoxide anions (O2-) and eosinophil peroxidase (EPO) release from human blood eosinophils in vitro. Methods: Highly purified eosinophils were stimulated for O2release with platelet-activating factor (PAF) or interleukin-5 (IL-5), while for EPO release complement fragment (C5a) or N-formyl-methionyl-leucyl-phenylalanine (FMLP) was employed. Generated products were assayed by standard techniques. Results: All the drugs, except ketotifen and dexamethasone, inhibited PAF-induced O2- release in a dose-dependent manner. The IC50 values were 0.7, 5.8, 330, 3,500, 4,200 and 6,250 nM for DSG, denbutylline, salmeterol, azelastine, salbutamol and theophylline, respectively. On IL-5-induced release, the effects were similar except that salbutamol completely failed to inhibit the release induced by this stimulus. In contrast, EPO release was generally poorly \*\*\*inhibited\*\*\*, especially when the release was induced by \*\*\*C5a\*\*\*. Only theophylline and azelastine (both at 10-4 M or more) were able to \*\*\*inhibit\*\*\* EPO release by both \*\*\*C5a\*\*\* and FMLP. Salbutamol and, to a lesser extent, salmeterol inhibited FMLP-, but not C5a-induced EPO release, while all the other drugs tested were inactive. Conclusions: The results show that some of the anti-asthma drugs, but not all, do exert direct effects on human blood eosinophils but these effects may be stimulus-dependent and by far more pronounced against O2-

release than against degranulation.

5/7/26 (Item 1 from file: 73)  
DIALOG(R)File 73:EMBASE  
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0079809422 EMBASE/Medline No: 2003165428  
F(ab)' SUB 2-mediated neutralization of C3a and C5a anaphylatoxins: A novel effector function of immunoglobulins  
Basta M.; Van Goor F.; Luccioli S.; Billings E.M.; Vortmeyer A.O.; Baranyi L.; Szebeni J.; Alving C.R.; Carroll M.C.; Berkower I.; Stojilkovic S.S.; Metcalfe D.D.  
Neuronal Excitability Section, Natl. Inst. Neurol. Disord./Stroke, Bethesda, MD, United States  
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Nature Medicine ( Nat. Med. ) (United States) April 1, 2003, 9/4 (431-438)  
CODEN: NAMEF ISSN: 1078-8956  
DOI: 10.1038/nm836  
DOCUMENT TYPE: Journal; Article RECORD TYPE: Abstract  
LANGUAGE: English SUMMARY LANGUAGE: English  
NUMBER OF REFERENCES: 38  
High-dose intravenous immunoglobulin (IVIG) prevents immune damage by scavenging complement fragments C3b and C4b. We tested the hypothesis that exogenous immunoglobulin molecules also bind anaphylatoxins C3a and C5a, thereby neutralizing their pro-inflammatory effects. Single-cell calcium measurements in HMC-1 human mast cells showed that a rise in intracellular calcium caused by C3a and C5a was inhibited in a concentration-dependent manner by IVIG, F(ab)'2-IVIG and irrelevant human monoclonal \*\*\*antibody\*\*\*. C3a- and \*\*\*C5a\*\*\*-induced thromboxane (TXB SUB 2) generation and histamine release from HMC-1 cells and whole-blood basophils were also \*\*\*suppressed\*\*\* by exogenous immunoglobulins. In a mouse model of asthma, immunoglobulin treatment reduced cellular migration to the lung. Lethal C5a-mediated circulatory collapse in pigs was prevented by pretreatment with F(ab)' SUB 2-IVIG. Molecular modeling, surface plasmon resonance (SPR) and western blot analyses suggested a physical association between anaphylatoxins and the constant region of F(ab)' SUB 2. This binding could interfere with the role of C3a and C5a in inflammation.

5/7/27 (Item 2 from file: 73)  
DIALOG(R)File 73:EMBASE  
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0079523963 EMBASE/Medline No: 2003230236  
The complement system as a therapeutic target in autoimmunity  
Holers V.M.  
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Clinical Immunology ( Clin. Immunol. ) (United States) June 1, 2003,  
107/3 (140-151)  
CODEN: CLIIIF ISSN: 1521-6616  
DOI: 10.1016/S1521-6616(03)00034-2  
DOCUMENT TYPE: Journal; Review RECORD TYPE: Citation  
LANGUAGE: English  
NUMBER OF REFERENCES: 161

5/7/28 (Item 3 from file: 73)  
DIALOG(R)File 73:EMBASE  
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0079223518 EMBASE/Medline No: 2002387438  
Classical and alternative pathways of mast cell activation  
Stassen M.; Hultner L.; Schmitt E.  
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Germany  
CORRESP. AUTHOR/AFFIL: Schmitt E.: Institut fur Immunologie, Hochhaus am  
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Critical Reviews in Immunology ( Crit. Rev. Immunol. ) (United States)  
November 13, 2002, 22/2 (115-140)  
CODEN: CCRID ISSN: 1040-8401  
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract  
LANGUAGE: English SUMMARY LANGUAGE: English  
NUMBER OF REFERENCES: 264

It has long since been recognized that mast cells are critical effectors of anaphylactic reactions, and the existence of these potentially hazardous cells has solely been justified due to their beneficial role in some infections with extracellular parasites. A novel understanding of mast cells as sentinels of the immune system has been made possible by taking advantage of mast cell-deficient mice in order to study the roles of mast cells in vivo and by detailed analyses of mast cell activation in vitro. Collectively, these experiments have revealed a variety of IgE-independent stimuli, which lead to the activation of mast cells as crucial initiators of an inflammatory response. Besides their effector function, a variety of studies reviewed herein point towards important regulatory roles for mast cells, especially regarding their interaction with other cell types.

5/7/30 (Item 5 from file: 73)  
DIALOG(R)File 73:EMBASE  
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0078755074 EMBASE/Medline No: 2001361431  
Contribution of anaphylatoxin C5a to late airway responses after repeated exposure of antigen to allergic rats  
Abe M.; Shibata K.; Akatsu H.; Shimizu N.; Sakata N.; Katsuragi T.; Okada H.  
Department of Pharmacology, School of Medicine, Fukuoka University,  
Fukuoka 814-0180, Japan  
CORRESP. AUTHOR/AFFIL: Abe M.: Department of Pharmacology, School of  
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CORRESP. AUTHOR EMAIL: abemasa@fukuoka-u.ac.jp

Journal of Immunology ( J. Immunol. ) (United States) October 15, 2001,

167/8 (4651-4660)  
CODEN: JOIMA ISSN: 0022-1767  
DOCUMENT TYPE: Journal; Article RECORD TYPE: Abstract  
LANGUAGE: English SUMMARY LANGUAGE: English  
NUMBER OF REFERENCES: 37

We attempted to elucidate the contribution of complement to allergic \*\*\*asthma\*\*\*. Rat sensitized to OVA received repeated intratracheal exposures to OVA for up to 3 consecutive days, and pulmonary resistance was then estimated for up to 6 h after the last exposure. Whereas the immediate airway response (IAR) in terms of R SUB L tended to decrease in proportion to the number of OVA exposures, late airway response (LAR) became prominent only after three. Although premedication with two kinds of complement inhibitors, soluble complement receptor type 1 (sCR1) or nafamostat mesylate, resulted in inhibition of the IAR after either a single or a double exposure, the LAR was \*\*\*inhibited\*\*\* after the triple. Premedication with a C5a receptor antagonist (C5aRA) before every exposure to OVA also \*\*\*inhibited\*\*\* the LAR after three. Repeated OVA exposure resulted in eosinophil and neutrophil infiltration into the bronchial submucosa which was suppressed by premedication with sCR1 or C5aRA. Up-regulation of C5aR mRNA was shown in lungs after triple OVA exposure, but almost no up-regulation of C3aR. Pretreatment with sCR1 or C5aRA suppressed the up-regulation of C5aR expression as well as cytokine messages in the lungs. The \*\*\*suppression\*\*\* of LAR by pretreatment with sCR1 was reversed by intratracheal instillation of rat C5a desArg the action of which was \*\*\*inhibited\*\*\* by C5aRA. In contrast, rat C3a desArg or cytokine-induced neutrophil chemoattractant-1 induced cellular infiltration into the bronchial submucosa by costimulation with OVA, but these had no influence on the LAR. These differences might be explained by the fact that costimulation with OVA and C5a synergistically potentiated IAR, whereas that with OVA and either C3a or cytokine-induced neutrophil chemoattractant-1 did not. C5a generated by Ag-Ab complexes helps in the production of cytokines and contributes to the LAR after repeated exposure to Ag.

5/7/37 (Item 12 from file: 73)  
DIALOG(R)File 73:EMBASE  
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0077125113 EMBASE/Medline No: 1998033540  
Effects of some anti-asthma drugs on human eosinophil superoxide anions release and degranulation  
Ezeamuzie C.I.; Al-Hage M.  
Dept. of Pharmacology and Toxicology, Faculty of Medicine, Kuwait University, Safat, Kuwait; Dept. of Pharmacology and Toxicology, Faculty of Medicine, Kuwait University, PO Box 24923, Safat 13110, Kuwait  
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International Archives of Allergy and Immunology ( Int. Arch. Allergy Immunol. ) (Switzerland) February 1, 1998, 115/2 (162-168)  
CODEN: IAAIE ISSN: 1018-2438  
DOCUMENT TYPE: Journal; Article RECORD TYPE: Abstract  
LANGUAGE: English SUMMARY LANGUAGE: English  
NUMBER OF REFERENCES: 27

Background: Eosinophil infiltration of bronchial tissues and subsequent release of inflammatory mediators by them are the hallmarks of bronchial asthma but it has not yet been clarified whether anti-asthma

drugs affect these cells directly. In this study, we investigate the direct effects of 8 clinically used anti-asthma drugs [salbutamol, salmeterol, theophylline, denbufylline, disodium cromoglycate (DSCG), azelastine, ketotifen and dexamethasone] on superoxide anions (O SUB 2 SUP -) and eosinophil peroxidase (EPO) release from human blood eosinophils in vitro. Methods: Highly purified eosinophils were stimulated for O SUB 2 SUP - release with platelet-activating factor (PAF) or interleukin-5 (IL-5), while for EPO release complement fragment (C5a) or N-formyl-methionyl-leucyl-phenylalanine (FMLP) was employed. Generated products were assayed by standard techniques. Results: All the drugs, except ketotifen and dexamethasone, inhibited PAF-induced O SUB 2 SUP - release in a dose-dependent manner. The IC SUB 50 values were 0.7, 5.8, 330, 3500, 4200 and 6250 nM for DSCG, denbufylline, salmeterol, azelastine, salbutamol and theophylline, respectively. On IL-5-induced release, the effects were similar except that salbutamol completely failed to inhibit the release induced by this stimulus. In contrast, EPO release was generally poorly inhibited, especially when the release was induced by \*\*\*C5a\*\*\*. Only theophylline and azelastine (both at 10 SUP -4 M or more) were able to \*\*\*inhibit\*\*\* EPO release by both \*\*\*C5a\*\*\* and FMLP. Salbutamol and, to a lesser extent, salmeterol inhibited FMLP-, but not C5a-induced EPO release, while all the other drugs tested were inactive. Conclusions: The results show that some of the anti- \*\*\*asthma\*\*\* drugs, but not all, do exert direct effects on human blood eosinophils but these effects may be stimulus-dependent and by far more pronounced against O SUB 2 SUP - release than against degranulation.

5/7/46 (Item 3 from file: 155)  
DIALOG(R)File 155:MEDLINE(R)  
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12495041 PMID: 8947334

Allergic bronchial asthma: eosinophil chemotaxis and antihistaminic drug modulation.

Ventura M T; Casale G; Cenci L; Tursi A  
Department of Allergology and Clinical Immunology, University of Bari, Italy.

Allergy (DENMARK) Nov 1996, 51 (11) p777-81, ISSN 0105-4538--  
Print 0105-4538--Linking Journal Code: 7804028

Publishing Model Print

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

This paper investigated the chemotactic capacity of blood eosinophils (EOS) in response to C5a and formyl-leucyl-phenylalanine (FMLP) in 15 Parietaria-pollen-allergic patients with mild asthma during the Parietaria pollen season. Data showed that EOS chemotaxis toward C5a was significantly reduced during the peak pollen count, compared with the values obtained in normal subjects. On the other hand, FMLP could induce EOS chemotactic activity only in Parietaria-allergic patients, the highest value being registered during the height of the Parietaria season. In vitro cimetidine modulation of chemotactic function in comparison with C5a led to a recovery of the impaired results obtained in the presence of high histamine levels. Moreover, diphenhydramine preincubation of EOS induced a reduction of the enhanced chemotactic activity obtained with low concentrations. The data suggest that different serum histamine levels give rise to an impaired immune-phlogistic response in allergic patients and that histamine-receptor antagonists may modulate this effect.

Record Date Created: 19970303

Record Date Completed: 19970303

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Set	Items	Description
S1	662	(C5 OR C5A OR ANTI(W)C5?) AND (ASTHMA)
S2	234	(C5 OR C5A OR ANTI(W)C5?) (20N) (ANTIBOD? OR INHIBIT? OR SUP- PRESS? OR BLOCK? OR ANTAGON? OR PREVENT?) AND (ASTHMA)
S3	154	RD S2 (unique items)
S4	57	S3 AND PY<2004
S5	57	RD S4 (unique items)

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Set	Items	Description
S1	662	(C5 OR C5A OR ANTI(W)C5?) AND (ASTHMA)
S2	234	(C5 OR C5A OR ANTI(W)C5?) (20N) (ANTIBOD? OR INHIBIT? OR SUP- PRESS? OR BLOCK? OR ANTAGON? OR PREVENT?) AND (ASTHMA)
S3	154	RD S2 (unique items)
S4	57	S3 AND PY<2004
S5	57	RD S4 (unique items)

? s (5g1? or pexelizumab or eculizumab) and asthma

	206	5G1?
	410	PEXELIZUMAB
	902	ECULIZUMAB
	393083	ASTHMA

S6 52 (5G1? OR PEXELIZUMAB OR ECULIZUMAB) AND ASTHMA

? rd s6

S7	50	RD S6 (unique items)
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? t s/3/all

7/3/1 (Item 1 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2011 The Thomson Corporation. All rts. reserv.

0021222022 BIOSIS NO.: 200900563459  
The effect of C5 inhibition by eculizumab on allergen-induced  
asthmatic responses in patients  
AUTHOR: Gail Gauvreau (Reprint); Louis-Philippe Boulet; Beth Severino; Rick  
Watson; Tao Peng; George Obminski; Philippe Prince; Francine Deschesnes;  
Tara Strinich; Killian K J; Joanne Cote; Paul O'Byrne; Yi Wang  
AUTHOR ADDRESS: McMaster Univ, Fac Hlth Sci, Dept Med, Hamilton, ON L8N  
3Z5, Canada\*\*Canada  
JOURNAL: Molecular Immunology 46 (14, Sp. Iss. SI): p2837-2838 SEP 2009  
2009  
ITEM IDENTIFIER: doi:10.1016/j.molimm.2009.05.240  
CONFERENCE/MEETING: 12th European Meeting on Complement in Human Disease  
Visegrad, HUNGARY September 05 -08, 2009; 20090905  
ISSN: 0161-5890  
DOCUMENT TYPE: Meeting; Meeting Abstract  
RECORD TYPE: Citation  
LANGUAGE: English

7/3/2 (Item 2 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2011 The Thomson Corporation. All rts. reserv.

0021046584 BIOSIS NO.: 200900388021  
The effect of C5 inhibition by eculizumab on allergen-induced  
asthmatic responses  
AUTHOR: Gauvreau G (Reprint); Boulet L; Severino B; Watson R; Peng T;

Obminski G; Prince P; Deschesnes F; Strinich T; Killian K; Cote J; Wang Y  
; O'Byrne P  
AUTHOR ADDRESS: McMaster Univ, Fac Hlth Sci, Dept Med, Hamilton, ON L8N  
3Z5, Canada\*\*Canada  
JOURNAL: Allergy (Oxford) 64 (Suppl. 90): p16 2009 2009  
CONFERENCE/MEETING: 28th Congress of the  
European-Academy-of-Allergy-and-Clinical-Immunology Warsaw, POLAND June  
06 -10, 2009; 20090606  
SPONSOR: European Acad Allergy & Clin Immunol  
ISSN: 0105-4538  
DOCUMENT TYPE: Meeting; Meeting Abstract  
RECORD TYPE: Citation  
LANGUAGE: English

7/3/3 (Item 1 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2011 Elsevier B.V. All rts. reserv.

0084483911 EMBASE/Medline No: 2011085999  
Immunogenicity of protein therapeutics: The key causes, consequences and  
challenges  
Baker M.P.; Reynolds H.M.; Lumicisi B.; Bryson C.J.  
Antitope Ltd, Babraham Research Campus, Babraham, Cambridge, United  
Kingdom  
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Self/Nonself - Immune Recognition and Signaling ( Self Nonself - Immune  
Recogn. Signal. ) (United States) October 1, 2010, 1/4 (314-322)  
ISSN: 1938-2030 eISSN: 1938-2049  
DOI: 10.4161/self.1.4.13904  
URL:  
<http://www.landesbioscience.com/journals/selfnonself/Baker-SELF1-4.pdf>  
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract  
LANGUAGE: English SUMMARY LANGUAGE: English  
NUMBER OF REFERENCES: 92

7/3/4 (Item 2 from file: 73)  
DIALOG(R)File 73:EMBASE  
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0084464563 EMBASE/Medline No: 2011073119  
Advances in the assessment and control of the effector functions of  
therapeutic antibodies  
Jiang X.-R.; Song A.; Bergelson S.; Arroll T.; Parekh B.; May K.; Chung  
S.; Strouse R.; Mire-Sluis A.; Schenerman M.  
Analytical Biochemist, MedImmune, Gaithersburg, MD 20878, United States  
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Nature Reviews Drug Discovery ( Nat. Rev. Drug Discov. ) (United Kingdom)  
February 1, 2011, 10/2 (101-110)  
CODEN: NRDDA ISSN: 1474-1776 eISSN: 1474-1784  
PUBLISHER ITEM IDENTIFIER: NRD3365  
DOI: 10.1038/nrd3365

DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract  
LANGUAGE: English SUMMARY LANGUAGE: English  
NUMBER OF REFERENCES: 63

7/3/5 (Item 3 from file: 73)  
DIALOG(R)File 73:EMBASE  
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0084458154 EMBASE/Medline No: 2011066412  
Current and novel therapeutics in the treatment of systemic lupus  
erythematosus  
Yildirim-Toruner C.; Diamond B.  
Department of Pediatrics, Columbia University Medical Center, Morgan  
Stanley Children's Hospital of New York Presbyterian, New York, NY,  
United States; Center for Autoimmune and Musculoskeletal Disease,  
Feinstein Institute for Medical Research, Manhasset, NY, United States  
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Manhasset, NY 11030, United States  
CORRESP. AUTHOR EMAIL: bdiamond@nshs.edu

Journal of Allergy and Clinical Immunology ( J. Allergy Clin. Immunol. )  
(United States) February 1, 2011, 127/2 (303-312)  
CODEN: JACIB ISSN: 0091-6749  
PUBLISHER ITEM IDENTIFIER: S0091674910030472  
DOI: 10.1016/j.jaci.2010.12.1087  
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract  
LANGUAGE: English SUMMARY LANGUAGE: English  
NUMBER OF REFERENCES: 85

7/3/6 (Item 4 from file: 73)  
DIALOG(R)File 73:EMBASE  
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0084453720 EMBASE/Medline No: 2011053656  
The complement system  
ISSUE TITLE: Innate Immunity  
Sarma J.V.; Ward P.A.  
Department of Pathology, University of Michigan Medical School, Box 5602,  
1301 Catherine Rd., Ann Arbor, MI 48109-5602, United States  
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48109-5602, United States  
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Cell and Tissue Research ( Cell Tissue Res. ) (Germany) January 1, 2011  
, 343/1 (227-235)  
CODEN: CTSRC ISSN: 0302-766X  
DOI: 10.1007/s00441-010-1034-0  
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract  
LANGUAGE: English SUMMARY LANGUAGE: English  
NUMBER OF REFERENCES: 61

7/3/7 (Item 5 from file: 73)  
DIALOG(R)File 73:EMBASE  
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0084439880 EMBASE/Medline No: 2011058712  
Immune system - part III the delicate balance of the immune system  
between tolerance and autoimmunity  
de Souza A.W.S.; Mesquita Jr. D.; Araujo J.A.P.; Catelan T.T.T.; Cruvinel  
W.M.; Andrade L.E.C.; da Silva N.P.  
Universidade Federal de Sao Paulo - UNIFESP  
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Revista Brasileira de Reumatologia ( Rev. Bras. Reumatol. ) (Brazil)  
November 1, 2010, 50/6 (665-694)  
CODEN: RBREB ISSN: 0482-5004  
URL: [http://www.scielo.br/pdf/rbr/v50n6/en\\_v50n6a07.pdf](http://www.scielo.br/pdf/rbr/v50n6/en_v50n6a07.pdf)  
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract  
LANGUAGE: English SUMMARY LANGUAGE: English  
NUMBER OF REFERENCES: 91

7/3/8 (Item 6 from file: 73)  
DIALOG(R)File 73:EMBASE  
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0084384102 EMBASE/Medline No: 2010702950  
What is IgG4? A review of the biology of a unique immunoglobulin subtype  
Nirula A.; Glaser S.M.; Kalled S.L.; Taylora F.R.  
Biogen Idec, 5200 Research Place, San Diego, CA 92130, United States  
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Diego, CA 92130, United States  
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Current Opinion in Rheumatology ( Curr. Opin. Rheumatol. ) (United States)  
) January 1, 2011, 23/1 (119-124)  
CODEN: CORHE ISSN: 1040-8711  
PUBLISHER ITEM IDENTIFIER: 0000228120110100000021  
DOI: 10.1097/BOR.0b013e3283412fd4  
DOCUMENT TYPE: Journal; Article RECORD TYPE: Abstract  
LANGUAGE: English SUMMARY LANGUAGE: English  
NUMBER OF REFERENCES: 41

7/3/9 (Item 7 from file: 73)  
DIALOG(R)File 73:EMBASE  
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0084351225 EMBASE/Medline No: 2010659318  
Metrics for antibody therapeutics development  
Reichert J.M.  
Tufts Center for the Study of Drug Development, Boston, MA, United States  
AUTHOR EMAIL: janice.reichert@tufts.edu  
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mAbs ( mAbs ) (United States) November 1, 2010, 2/6 (695-700)  
ISSN: 1942-0862  
DOI: 10.4161/mabs.2.6.13603  
URL:

<http://www.landesbioscience.com/journals/mabs/article/EditorsCornerArticle-MABS2-6.pdf>

DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract  
LANGUAGE: English SUMMARY LANGUAGE: English  
NUMBER OF REFERENCES: 14

7/3/10 (Item 8 from file: 73)  
DIALOG(R)File 73:EMBASE  
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0084291751 EMBASE/Medline No: 2010609313  
Monoclonal antibodies used as prophylactic, therapeutic and diagnostic agents

Chakhtoura M.; Abdelnoor A.M.  
Department of Microbiology and Immunology, Faculty of Medicine, American University of Beirut, 0236-Riad el-Solh, Beirut 11972020, Lebanon  
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Immunopharmacology and Immunotoxicology ( Immunopharmacol. Immunotoxicol. ) (United States) December 1, 2010, 32/4 (533-542)  
CODEN: IITOE ISSN: 0892-3973 eISSN: 1532-2513  
DOI: 10.3109/08923971003646597  
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract  
LANGUAGE: English SUMMARY LANGUAGE: English  
NUMBER OF REFERENCES: 68

7/3/11 (Item 9 from file: 73)  
DIALOG(R)File 73:EMBASE  
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0084276235 EMBASE/Medline No: 2010604135  
Biological therapy in pediatrics  
Les biotherapies en pediatrie  
Belot A.; Cochat P.  
Service de nephrologie et rhumatologie pediatrique, Hopital Femme-Mere-Enfant, Hospices civils de Lyon, universite de Lyon, 69677 Bron cedex, France  
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Archives de Pediatrie ( Arch. Pediatr. ) (France) November 1, 2010, 17/11 (1573-1582)  
CODEN: APEDE ISSN: 0929-693X  
PUBLISHER ITEM IDENTIFIER: S0929693X10003623  
DOI: 10.1016/j.arcped.2010.08.026  
DOCUMENT TYPE: Journal; Short Survey RECORD TYPE: Abstract  
LANGUAGE: French SUMMARY LANGUAGE: French; English  
NUMBER OF REFERENCES: 47

7/3/12 (Item 10 from file: 73)  
DIALOG(R)File 73:EMBASE

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0084206230 EMBASE/Medline No: 2010552937  
Therapeutic complement inhibition: New developments  
Emlen W.; Li W.; Kirschfink M.  
Taligen Therapeutics, Cambridge, MA, United States  
AUTHOR EMAIL: kirschfink@uni-hd.de  
CORRESP. AUTHOR/AFFIL: Kirschfink M.: Institute of Immunology, University  
of Heidelberg, Im Neuenheimer Feld 305, 69120 Heidelberg, Germany  
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Seminars in Thrombosis and Hemostasis ( Semin. Thromb. Hemost. ) (United  
States) October 18, 2010, 36/6 (660-668)  
CODEN: STHMB ISSN: 0094-6176 eISSN: 1098-9064  
DOI: 10.1055/s-0030-1262888  
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract  
LANGUAGE: English SUMMARY LANGUAGE: English  
NUMBER OF REFERENCES: 46

7/3/13 (Item 11 from file: 73)  
DIALOG(R)File 73:EMBASE  
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0084015243 EMBASE/Medline No: 2010360911  
An augmented passive immune therapy to treat fulminant bacterial  
infections  
Rajam G.; Sampson J.; Carlone G.M.; Ades E.W.  
Division of Bacterial Diseases, Centers for Disease Control and  
Prevention, Building 18, MS G-05, 1600, Clifton Road, Atlanta, GA 30333,  
United States  
AUTHOR EMAIL: EAdes@cdc.gov  
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Clifton Road, Atlanta, GA 30333, United States  
CORRESP. AUTHOR EMAIL: EAdes@cdc.gov

Recent Patents on Anti-Infective Drug Discovery ( Recent Pat.  
Anti-Infect. Drug Discov. ) (United Kingdom) August 11, 2010, 5/2  
(157-167)  
ISSN: 1574-891X  
DOI: 10.2174/157489110791233496  
DOCUMENT TYPE: Journal; Article RECORD TYPE: Abstract  
LANGUAGE: English SUMMARY LANGUAGE: English  
NUMBER OF REFERENCES: 136

7/3/14 (Item 12 from file: 73)  
DIALOG(R)File 73:EMBASE  
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0083957510 EMBASE/Medline No: 2010382591  
Clinical pharmacokinetics of therapeutic monoclonal antibodies  
Keizer R.J.; Huitema A.D.R.; Schellens J.H.M.; Beijnen J.H.  
Department of Pharmacy and Pharmacology, Netherlands Cancer Institute,  
Slotervaart Hospital, Amsterdam, Netherlands  
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Netherlands  
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Clinical Pharmacokinetics ( Clin. Pharmacokinet. ) (New Zealand) July  
21, 2010, 49/8 (493-507)  
CODEN: CPKND ISSN: 0312-5963 eISSN: 1179-1926  
DOI: 10.2165/11531280-000000000-00000  
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract  
LANGUAGE: English SUMMARY LANGUAGE: English  
NUMBER OF REFERENCES: 128

7/3/15 (Item 13 from file: 73)  
DIALOG(R)File 73:EMBASE  
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0083762384 EMBASE/Medline No: 2010247700  
Therapeutic antibodies for autoimmunity and inflammation  
Chan A.C.; Carter P.J.  
Department of Immunology, Genentech, Inc., 1 DNA Way, South San  
Francisco, CA 94080, United States  
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Nature Reviews Immunology ( Nat. Rev. Immunol. ) (United Kingdom) May 1,  
2010, 10/5 (301-316)  
CODEN: NRIAB ISSN: 1474-1733  
PUBLISHER ITEM IDENTIFIER: NRI2761  
DOI: 10.1038/nri2761  
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract  
LANGUAGE: English SUMMARY LANGUAGE: English  
NUMBER OF REFERENCES: 165

7/3/16 (Item 14 from file: 73)  
DIALOG(R)File 73:EMBASE  
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0083687982 EMBASE/Medline No: 2010207381  
The safety and side effects of monoclonal antibodies  
Hansel T.T.; Kropshofer H.; Singer T.; Mitchell J.A.; George A.J.T.  
Imperial Clinical Respiratory Research Unit (ICRRU), Mint Wing First  
Floor, St Mary's Hospital, Paddington, London W2 1NY, United Kingdom;  
National Heart and Lung Institute, Imperial College, Dovehouse Street,  
London SW3 6LY, United Kingdom  
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Paddington, London W2 1NY, United Kingdom  
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Nature Reviews Drug Discovery ( Nat. Rev. Drug Discov. ) (United Kingdom)  
April 1, 2010, 9/4 (325-338)  
CODEN: NRDDA ISSN: 1474-1776 eISSN: 1474-1784  
PUBLISHER ITEM IDENTIFIER: NRD3003  
DOI: 10.1038/nrd3003  
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract  
LANGUAGE: English SUMMARY LANGUAGE: English  
NUMBER OF REFERENCES: 211

7/3/17 (Item 15 from file: 73)

DIALOG(R)File 73:EMBASE  
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0083687734 EMBASE/Medline No: 2010185840

Applying physiological and biochemical concepts to optimize biological drug development

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Clinical Pharmacology and Therapeutics ( Clin. Pharmacol. Ther. ) (United Kingdom) April 1, 2010, 87/4 (492-496)

CODEN: CLPTA ISSN: 0009-9236 eISSN: 1532-6535

PUBLISHER ITEM IDENTIFIER: CLPT2009302

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DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract

LANGUAGE: English SUMMARY LANGUAGE: English

NUMBER OF REFERENCES: 31

7/3/18 (Item 16 from file: 73)

DIALOG(R)File 73:EMBASE  
(c) 2011 Elsevier B.V. All rts. reserv.

0083529442 EMBASE/Medline No: 2010029624

What's new in internal medicine?

Quoi de neuf en medecine interne ?

Blettry O.; Sene T.; Kahn J.-E.; Ackermann F.; Charles P.; Leport J.;

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Annales de Dermatologie et de Venereologie ( Ann. Dermatol. Venereol. ) ( France) December 1, 2009, 136/SUPPL. 7 (S417-S425)

CODEN: ADVED ISSN: 0151-9638

PUBLISHER ITEM IDENTIFIER: S0151963809733836

DOI: 10.1016/S0151-9638(09)73383-6

DOCUMENT TYPE: Journal; Article RECORD TYPE: Abstract

LANGUAGE: French SUMMARY LANGUAGE: French; English

NUMBER OF REFERENCES: 32

7/3/19 (Item 17 from file: 73)

DIALOG(R)File 73:EMBASE  
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0083518062 EMBASE/Medline No: 2010039402

Therapeutic potential of complement modulation

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Nature Reviews Drug Discovery ( Nat. Rev. Drug Discov. ) (United Kingdom)

January 1, 2010, 9/1 (43-56)

CODEN: NRDDA ISSN: 1474-1776 eISSN: 1474-1784

PUBLISHER ITEM IDENTIFIER: NRD3011

DOI: 10.1038/nrd3011

DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract

LANGUAGE: English SUMMARY LANGUAGE: English

NUMBER OF REFERENCES: 122

7/3/20 (Item 18 from file: 73)

DIALOG(R)File 73:EMBASE

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0083391404 EMBASE/Medline No: 2009610652

Complement activation and disease: Protective effects of  
hyperbilirubinaemia

Basiglio C.L.; Arriaga S.M.; Pelusa F.; Almara A.M.; Kapitulnik J.;  
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Clinical Science ( Clin. Sci. ) (United Kingdom) January 7, 2010, 118/2  
(99-113)

CODEN: CSCIA ISSN: 0143-5221

DOI: 10.1042/CS20080540

URL: <http://www.clinsci.org/cs/118/0099/1180099.pdf>

DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract

LANGUAGE: English SUMMARY LANGUAGE: English

NUMBER OF REFERENCES: 119

7/3/21 (Item 19 from file: 73)

DIALOG(R)File 73:EMBASE

(c) 2011 Elsevier B.V. All rts. reserv.

0083383823 EMBASE/Medline No: 2009630604

Americas antibody congress: September 21-23, 2009, Washington, D.C.

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mAbs ( mAbs ) (United States) November 1, 2009, 1/6 (523-530)

ISSN: 1942-0862

URL:

<http://www.landesbioscience.com/journals/mabs/article/LacyMABS1-6.pdf>

DOCUMENT TYPE: Journal; Conference Paper RECORD TYPE: Abstract

LANGUAGE: English SUMMARY LANGUAGE: English

7/3/22 (Item 20 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2011 Elsevier B.V. All rts. reserv.

0083313524 EMBASE/Medline No: 2009549388  
Therapeutic antibodies: Successes, limitations and hopes for the future  
Chames P.; Van Regenmortel M.; Weiss E.; Batty D.  
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British Journal of Pharmacology ( Br. J. Pharmacol. ) (United Kingdom)  
May 1, 2009, 157/2 (220-233)  
CODEN: BJPCB ISSN: 0007-1188 eISSN: 1476-5381  
DOI: 10.1111/j.1476-5381.2009.00190.x  
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract  
LANGUAGE: English SUMMARY LANGUAGE: English  
NUMBER OF REFERENCES: 87

7/3/23 (Item 21 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2011 Elsevier B.V. All rts. reserv.

0083255836 EMBASE/Medline No: 2009489473  
Bioanalytical methods for the quantification of therapeutic monoclonal  
antibodies and their application in clinical pharmacokinetic studies  
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Human Antibodies ( Hum. Antibodies ) (Netherlands) October 22, 2009,  
18/3 (47-73)  
CODEN: HUANF ISSN: 1093-2607  
DOI: 10.3233/HAB-2009-0206  
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract  
LANGUAGE: English SUMMARY LANGUAGE: English  
NUMBER OF REFERENCES: 208

7/3/24 (Item 22 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2011 Elsevier B.V. All rts. reserv.

0083238681 EMBASE/Medline No: 2009389340  
Fundamentals of antibody-related therapy and diagnostics  
Albrecht H.; Rodosevich J.A.; Babich M.  
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Drugs of Today ( Drugs Today ) (Spain) March 1, 2009, 45/3 (199-211)  
CODEN: MDACA ISSN: 1699-4019  
DOI: 101358/dot20094531341343  
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract  
LANGUAGE: English SUMMARY LANGUAGE: English  
NUMBER OF REFERENCES: 48

7/3/25 (Item 23 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2011 Elsevier B.V. All rts. reserv.

0083202456 EMBASE/Medline No: 2009382723  
Probabilities of success for antibody therapeutics  
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mAbs ( mAbs ) (United States) July 1, 2009, 1/4 (387-389)  
ISSN: 1942-0862  
URL:  
<http://www.landesbioscience.com/journals/mabs/article/EditorsCornerMABS1-4.pdf>  
DOCUMENT TYPE: Journal; Editorial RECORD TYPE: Citation  
LANGUAGE: English  
NUMBER OF REFERENCES: 6

7/3/26 (Item 24 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2011 Elsevier B.V. All rts. reserv.

0083170501 EMBASE/Medline No: 2009389290  
Editorial: The monoclonal antibodies in therapeutics  
Editorial: Les anticorps monoclonaux en thérapeutique  
Scheen A.J.; Moutschen M.  
Universite de Liege; Service de Diabetologie, Nutrition et Maladies  
Metaboliques, Unite de Pharmacologie Clinique, CHU de Liege; Service de  
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Revue Medicale de Liege ( Rev. Med. Liege ) (Belgium) May 1, 2009,  
64/5-6 (233-236)  
CODEN: RMLIA ISSN: 0035-3663  
URL: <http://www.rmlg.ulg.ac.be/aboel.php?num id=1883&langue=FR>  
DOCUMENT TYPE: Journal; Editorial RECORD TYPE: Citation  
LANGUAGE: French  
NUMBER OF REFERENCES: 14

7/3/27 (Item 25 from file: 73)  
DIALOG(R)File 73:EMBASE  
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0083163067 EMBASE/Medline No: 2009406555

New drug therapies and their effect on the skin  
Neue Therapeutika und ihre Auswirkungen auf die Haut  
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JDDG - Journal of the German Society of Dermatology ( JDDG J. German Soc.  
Dermatol. ) (United Kingdom) July 1, 2009, 7/7 (623-636)

CODEN: JJDDA ISSN: 1610-0379 eISSN: 1610-0387

DOI: 10.1111/j.1610-0387.2009.07139.x

DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract

LANGUAGE: German; English SUMMARY LANGUAGE: English; German

NUMBER OF REFERENCES: 13

7/3/28 (Item 26 from file: 73)

DIALOG(R)File 73:EMBASE

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0082989962 EMBASE/Medline No: 2009228067

Antibodies for therapeutic uses and the evolution of biotechniques

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Current Medicinal Chemistry ( Curr. Med. Chem. ) (Netherlands) May 27,  
2009, 16/6 (753-779)

CODEN: CMCHE ISSN: 0929-8673

DOI: 10.2174/092986709787458380

URL:

<http://www.ingentaconnect.com/content/ben/cmc/2009/00000016/00000006/art00008>

DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract

LANGUAGE: English SUMMARY LANGUAGE: English

NUMBER OF REFERENCES: 311

7/3/29 (Item 27 from file: 73)

DIALOG(R)File 73:EMBASE

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0082969929 EMBASE/Medline No: 2009212481

What is biotechnology? The monoclonal antibody case

Qu'est-ce qu'une biotechnologie ? L'exemple des anticorps monoclonaux

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Presse Medicale ( Presse Med. ) (France) May 1, 2009, 38/5 (825-831)

CODEN: PRMEE ISSN: 0755-4982

PUBLISHER ITEM IDENTIFIER: S0755498209000803

DOI: 10.1016/j.lpm.2008.12.025

DOCUMENT TYPE: Journal; Short Survey RECORD TYPE: Abstract

LANGUAGE: French SUMMARY LANGUAGE: French; English

NUMBER OF REFERENCES: 17

7/3/30 (Item 28 from file: 73)

DIALOG(R)File 73:EMBASE

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0082967205 EMBASE/Medline No: 2009212480

Biotherapy of auto-immune diseases : past, present and future perspectives

Les biotherapies immunomodulatrices du futur : quelles perspectives ?

Arnaud L.; Haroche J.; Piette J.-C.; Amoura Z.

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Presse Medicale ( Presse Med. ) (France) May 1, 2009, 38/5 (749-760)

CODEN: PRMEE ISSN: 0755-4982

PUBLISHER ITEM IDENTIFIER: S0755498209000608

DOI: 10.1016/j.lpm.2008.12.023

DOCUMENT TYPE: Journal; Short Survey RECORD TYPE: Abstract

LANGUAGE: French SUMMARY LANGUAGE: French; English

NUMBER OF REFERENCES: 82

7/3/31 (Item 29 from file: 73)

DIALOG(R)File 73:EMBASE

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0082875595 EMBASE/Medline No: 2009091132

Good practices of administration of the monoclonal antibodies

Bonnes pratiques d'administration des anticorps monoclonaux

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Journal de Pharmacie Clinique ( J. Pharm. Clin. ) (France) October 1, 2008, 27/4 (205-209)

CODEN: JPCLD ISSN: 0291-1981

DOI: 10.1684/jpc.2008.0102

DOCUMENT TYPE: Journal; Article RECORD TYPE: Abstract

LANGUAGE: French SUMMARY LANGUAGE: English; French  
NUMBER OF REFERENCES: 8

7/3/32 (Item 30 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2011 Elsevier B.V. All rts. reserv.

0082864457 EMBASE/Medline No: 2009092623  
Development and production of commercial therapeutic monoclonal  
antibodies in mammalian cell expression systems: An overview of the current  
upstream technologies  
Chartrain M.; Chu L.  
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2000, Rahway, NJ 07065, United States  
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Current Pharmaceutical Biotechnology ( Curr. Pharm. Biotechnol. ) ( Netherlands )  
December 1, 2008, 9/6 (447-467)  
CODEN: CPBUB ISSN: 1389-2010 eISSN: 1873-4316  
DOI: 10.2174/138920108786786367  
URL:  
[http://www.ingentaconnect.com/search/download?pub=infobike%3a%2f%2fben%2fcpb%2f2008%2f00000000%2f000000006%2fart00005&mimetype=application%2fpdf&exitTa  
rgetId=1235764188183](http://www.ingentaconnect.com/search/download?pub=infobike%3a%2f%2fben%2fcpb%2f2008%2f00000000%2f000000006%2fart00005&mimetype=application%2fpdf&exitTa rgetId=1235764188183)  
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract  
LANGUAGE: English SUMMARY LANGUAGE: English  
NUMBER OF REFERENCES: 197

7/3/33 (Item 31 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2011 Elsevier B.V. All rts. reserv.

0082627791 EMBASE/Medline No: 2008371430  
An integrated science-based approach to drug development  
Parren P.W.; van de Winkel J.G.  
Genmab, Yalelaan 60, P.O. Box 85199, 3508 AD Utrecht, Netherlands  
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Current Opinion in Immunology ( Curr. Opin. Immunol. ) (United Kingdom)  
August 1, 2008, 20/4 (426-430)  
CODEN: COPIE ISSN: 0952-7915  
PUBLISHER ITEM IDENTIFIER: S0952791508001118  
DOI: 10.1016/j.coi.2008.06.006  
DOCUMENT TYPE: Journal; Editorial RECORD TYPE: Citation  
LANGUAGE: English  
NUMBER OF REFERENCES: 13

7/3/34 (Item 32 from file: 73)  
DIALOG(R)File 73:EMBASE  
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0082532345 EMBASE/Medline No: 2008337552

The spectrum of complement alternative pathway-mediated diseases  
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Immunological Reviews ( Immunol. Rev. ) (United Kingdom) June 1, 2008,  
223/1 (300-316)  
CODEN: IMRED ISSN: 0105-2896 eISSN: 1600-065X  
DOI: 10.1111/j.1600-065X.2008.00641.x  
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract  
LANGUAGE: English SUMMARY LANGUAGE: English  
NUMBER OF REFERENCES: 136

7/3/35 (Item 33 from file: 73)  
DIALOG(R)File 73:EMBASE  
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0082137801 EMBASE/Medline No: 2007551026  
Complement-targeted therapeutics  
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Nature Biotechnology ( Nat. Biotechnol. ) (United States) November 1,  
2007, 25/11 (1265-1275)  
CODEN: NABIF ISSN: 1087-0156 eISSN: 1546-1696  
PUBLISHER ITEM IDENTIFIER: NBT1342  
DOI: 10.1038/nbt1342  
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract  
LANGUAGE: English SUMMARY LANGUAGE: English  
NUMBER OF REFERENCES: 103

7/3/36 (Item 34 from file: 73)  
DIALOG(R)File 73:EMBASE  
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0082114304 EMBASE/Medline No: 2007527498  
Immunostimulatory antibodies: Challenging the drug testing paradigm  
ISSUE TITLE: Fourteenth International Workshop on In Vitro Toxicology  
Bhagal N.; Combes R.  
Fund for the Replacement of Animals in Medical Experiments, 96-98 North  
Sherwood Street, Nottingham, NG1 4EE, United Kingdom  
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Toxicology in Vitro ( Toxicol. Vitro ) (United Kingdom) October 1, 2007  
21/7 (1227-1232)  
CODEN: TIVIE ISSN: 0887-2333  
PUBLISHER ITEM IDENTIFIER: S0887233307000574  
DOI: 10.1016/j.tiv.2007.02.010  
DOCUMENT TYPE: Journal; Article RECORD TYPE: Abstract  
LANGUAGE: English SUMMARY LANGUAGE: English  
NUMBER OF REFERENCES: 19

7/3/37 (Item 35 from file: 73)  
DIALOG(R)File 73:EMBASE  
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0082079406 EMBASE/Medline No: 2007513970  
Considerations for the sensible use of rodent models of inflammatory  
disease in predicting efficacy of new biological therapeutics in the clinic  
ISSUE TITLE: Prediction of Therapeutic and Drug Delivery Outcomes Using  
Animal Models  
Arnett H.A.; Viney J.L.  
Amgen, Inc. Department of Inflammation, Seattle, WA 98119, United States  
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Advanced Drug Delivery Reviews ( Adv. Drug Deliv. Rev. ) (Netherlands)  
September 30, 2007, 59/11 (1084-1092)  
CODEN: ADDRE ISSN: 0169-409X  
PUBLISHER ITEM IDENTIFIER: S0169409X07001743  
DOI: 10.1016/j.addr.2007.06.013  
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract  
LANGUAGE: English SUMMARY LANGUAGE: English  
NUMBER OF REFERENCES: 104

7/3/38 (Item 36 from file: 73)  
DIALOG(R)File 73:EMBASE  
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0082070115 EMBASE/Medline No: 2007504675  
Function, structure and therapeutic potential of complement C5a receptors  
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British Journal of Pharmacology ( Br. J. Pharmacol. ) (United Kingdom)  
October 1, 2007, 152/4 (429-448)  
CODEN: BJPCB ISSN: 0007-1188 eISSN: 1476-5381  
PUBLISHER ITEM IDENTIFIER: 0707332  
DOI: 10.1038/sj.bjp.0707332  
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract

LANGUAGE: English SUMMARY LANGUAGE: English  
NUMBER OF REFERENCES: 259

7/3/39 (Item 37 from file: 73)  
DIALOG(R)File 73:EMBASE  
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0082039278 EMBASE/Medline No: 2007473697  
American Chemical Society - 234th National meeting - Targeting  
inflammation  
Dalziel C.; Veryard C.  
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IDrugs ( IDrugs ) (United Kingdom) October 1, 2007, 10/10 (674-675)  
CODEN: IDRUF ISSN: 1369-7056  
DOCUMENT TYPE: Journal; Conference Paper RECORD TYPE: Citation  
LANGUAGE: English

7/3/40 (Item 38 from file: 73)  
DIALOG(R)File 73:EMBASE  
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0082024534 EMBASE/Medline No: 2007458937  
Monoclonal antibodies in Pediatrics: Use in prevention and treatment  
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Joan de Deu, Pg. Sant Joan de Deu, 2, 08950 Esplugues (Barcelona), Spain  
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Allergologia et Immunopathologia ( Allergol. Immunopathol. ) (Spain)  
July 1, 2007, 35/4 (145-150)  
CODEN: AGIMB ISSN: 0301-0546 eISSN: 1578-1267  
DOI: 10.1157/13108225  
URL: <http://external.doyma.es/prepdf/water.asp?pidntarticulo=13108225&pidnt usuario=797308&pidnt revista=105&fichero=105v35n04a13108225pdf001.pdf&ty=49&accion=L&origen=doyma&web=www.doyma.es&lan=es>  
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract  
LANGUAGE: English SUMMARY LANGUAGE: English  
NUMBER OF REFERENCES: 16

7/3/41 (Item 39 from file: 73)  
DIALOG(R)File 73:EMBASE  
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0081633412 EMBASE/Medline No: 2007066844  
\*\*\*Eculizumab\*\*\* : \*\*\*5G1\*\*\* .1, h5G1.1, long-acting anti-C5 monoclonal  
antibody \*\*\*5G1\*\*\* -1, long-acting anti-C5 monoclonal antibody \*\*\*5G1\*\*\* .1

Drugs in R and D ( Drugs R D ) (New Zealand) March 16, 2007, 8/1 (61-68)  
CODEN: DRDDF ISSN: 1174-5886  
DOI: 10.2165/00126839-200708010-00006  
URL:

<http://drugsrc.adisonline.com/pt/re/rdd/pdfhandler.00126839-200708010-00006.pdf>;jsessionid=F2lp8pZfXmXhPvxXBJfnLVHwnsnmrBLncVlh8mGpQW82WCXkYhD3!1416047858!-949856144!8091!-1

DOCUMENT TYPE: Journal; Article RECORD TYPE: Abstract  
LANGUAGE: English SUMMARY LANGUAGE: English  
NUMBER OF REFERENCES: 23

7/3/42 (Item 40 from file: 73)  
DIALOG(R)File 73:EMBASE  
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0081552153 EMBASE/Medline No: 2006615808  
Drug evaluation: The C5a receptor antagonist PMX-53  
Kohl J.  
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Current Opinion in Molecular Therapeutics ( Curr. Opin. Mol. Ther. ) ( United Kingdom) December 1, 2006, 8/6 (529-538)  
CODEN: CUOTF ISSN: 1464-8431  
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract  
LANGUAGE: English SUMMARY LANGUAGE: English  
NUMBER OF REFERENCES: 110

7/3/43 (Item 41 from file: 73)  
DIALOG(R)File 73:EMBASE  
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0081539106 EMBASE/Medline No: 2006602707  
Gateways to clinical trials  
Bayes M.; Rabasseda X.; Prous J.R.  
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Methods and Findings in Experimental and Clinical Pharmacology ( Methods Find. Exp. Clin. Pharmacol. ) (Spain) October 1, 2006, 28/8 (533-591)  
CODEN: MFEPD ISSN: 0379-0355  
DOCUMENT TYPE: Journal; Article RECORD TYPE: Abstract  
LANGUAGE: English SUMMARY LANGUAGE: English  
NUMBER OF REFERENCES: 335

7/3/44 (Item 42 from file: 73)  
DIALOG(R)File 73:EMBASE  
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0081531730 EMBASE/Medline No: 2006595313

Monoclonal antibodies: Targeted therapy

Gupta N.; Srivastava A.

Intas Biotechnology/Oncology, Plot No. 423/P/A/GIDC, S. Bavla Hwy.,

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Indian Journal of Pharmacology ( Indian J. Pharmacol. ) (India) November  
1, 2006, 38/6 (390-396)

CODEN: INJPD ISSN: 0253-7613

DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract

LANGUAGE: English SUMMARY LANGUAGE: English

NUMBER OF REFERENCES: 33

7/3/45 (Item 43 from file: 73)

DIALOG(R)File 73:EMBASE

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0081326448 EMBASE/Medline No: 2006388890

Gateways to clinical trials: July/August 2006

Bayes M.; Rabasseda X.; Prous J.R.

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Methods and Findings in Experimental and Clinical Pharmacology ( Methods  
Find. Exp. Clin. Pharmacol. ) (Spain) July 1, 2006, 28/6 (379-412)

CODEN: MFEPD ISSN: 0379-0355

DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract

LANGUAGE: English SUMMARY LANGUAGE: English

NUMBER OF REFERENCES: 192

7/3/46 (Item 44 from file: 73)

DIALOG(R)File 73:EMBASE

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0081229443 EMBASE/Medline No: 2006291613

Complement factor 5a as a therapeutic target

Woodruff T.M.; Proctor L.M.; Strachan A.J.; Taylor S.M.

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Drugs of the Future ( Drugs Future ) (Spain) April 1, 2006, 31/4  
(325-334)

CODEN: DRFUD ISSN: 0377-8282

DOI: 10.1358/dof.2006.031.04.980656

DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract

LANGUAGE: English SUMMARY LANGUAGE: English

NUMBER OF REFERENCES: 109

7/3/47 (Item 45 from file: 73)



DIALOG(R)File 73:EMBASE  
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0081113024 EMBASE/Medline No: 2006174776  
Recent developments in C5/C5a inhibitors  
Proctor L.M.; Woodruff T.M.; Taylor S.M.  
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Expert Opinion on Therapeutic Patents ( Expert Opin. Ther. Pat. ) (United  
Kingdom) April 1, 2006, 16/4 (445-458)  
CODEN: EOTPE ISSN: 1354-3776  
DOI: 10.1517/13543776.16.4.445  
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract  
LANGUAGE: English SUMMARY LANGUAGE: English  
NUMBER OF REFERENCES: 106

7/3/48 (Item 46 from file: 73)  
DIALOG(R)File 73:EMBASE  
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0080688757 EMBASE/Medline No: 2005333075  
Novel C5a regulators in inflammatory disease  
Mizuno M.; Cole D.S.  
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Expert Opinion on Investigational Drugs ( Expert Opin. Invest. Drugs ) (  
United Kingdom) July 1, 2005, 14/7 (807-821)  
CODEN: EOIDE ISSN: 1354-3784  
DOI: 10.1517/13543784.14.7.807  
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract  
LANGUAGE: English SUMMARY LANGUAGE: English  
NUMBER OF REFERENCES: 179

7/3/49 (Item 47 from file: 73)  
DIALOG(R)File 73:EMBASE  
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0079380200 EMBASE/Medline No: 2003083933  
IDdb News focus  
Current Drug Discovery ( Curr. Drug Discov. ) (United Kingdom) February  
1, 2003, -/FEB. (12-15)  
CODEN: CDDUA ISSN: 1472-7463  
DOCUMENT TYPE: Journal; Note RECORD TYPE: Citation  
LANGUAGE: English

7/3/50 (Item 1 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

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151286777 CA: 151(13)286777s JOURNAL

The effect of C5 inhibition by eculizumab on allergen-induced asthmatic responses in patients

AUTHOR(S): Gauvreau, Gail; Boulet, Louis-Philippe; Severino, Beth; Watson, Rick; Peng, Tao; Obminski, George; Prince, Philippe; Deschesnes, Francine; Strinich, Tara; Killian, K. J.; Cote, Joanne; O'Byrne, Paul; Wang, Yi

LOCATION: Department of Medicine, Faculty of Health Sciences, McMaster University, Hamilton, ON, Can.,

JOURNAL: Mol. Immunol. (Molecular Immunology) DATE: 2009 VOLUME: 46

NUMBER: 14 PAGES: 2837-2838 CODEN: MOIMD5 ISSN: 0161-5890

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0079380200 EMBASE/Medline No: 2003083933

IDdb News focus

Current Drug Discovery ( Curr. Drug Discov. ) (United Kingdom) February

1, 2003, -/FEB. (12-15)

CODEN: CDDUA ISSN: 1472-7463

DOCUMENT TYPE: Journal; Note RECORD TYPE: Citation

LANGUAGE: English

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0079380200 EMBASE/Medline No: 2003083933

IDdb News focus

Current Drug Discovery ( Curr. Drug Discov. ) (United Kingdom) February

1, 2003, -/FEB. (12-15)

CODEN: CDDUA ISSN: 1472-7463

DOCUMENT TYPE: Journal; Note RECORD TYPE: Citation

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